



宁波赛耐比光电科技股份有限公司
NINGBO SNAPPY OPTOELECTRONICS CO., LTD

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www.snappy.cn



Welcome
to
Snappy

Our new product lines



HELENA

Super Slim



POSEIDON

Waterproof



HERKULES

Strong



PROMETHEUS

Regular Human, Vision



HELIOS

Dimmable



MARATHON

Long Life



Important

	Federal Communications Commission
	UL mark for Canada and US
	CE mark of conformity
	The transformer complies with European Regulation, in general situation, could mount on or in furniture and cabinet
	Flammable marks
	International mark for independent converter
	International mark for protection II
SELV	International mark for transformers of converters (safety extra-low voltage)
	The surface temperature of Transformer/ballast will be not more than 110 °C on the condition of overload or short circuit
	C-Tick Compliant
	US and Canada UL approved

Test standard for electronic control

EN6 1347-1	General safety requirements
EN6 1347-2-2	Safety requirements for step down converters for filament lamps
EN6 1347-2-3	Safety requirements for electronic ballast
EN6 1347-2-13	Particular requirements for d.c.or a.c.supplied electronic control gear for LED modules
EN60929	Performance requirements for electronic ballast
EN55015	Limits and methods of measurements of radio interference characteristics of lights
EN61547	EMC immunity requirements for lighting purposes equipment
EN61000-3-2	Limits for harmonic current emissions
EN61000-3-3	Limitations of voltage fluctuations and flicker
FCC PART 15	Wireless Access interference measurement standards
UL 8750	LED Equipment for use in lighting products (Class 2)
UL 1310	Class 2 power units
EN 62493-2010	Assessment of lighting equipment related to human Exposure to electromagnetic fields
DoE VI CoC V	Efficiency Standards for External Power Supplies



Snappy - vibrant, thriving and a sense of fashion, is perfectly compatibility of our company's spirit with a sunflower as a finishing touch.



The above is our company's Logo, which is designed by the University of Hamburg in Germany. For this logo, the design of the diagonal radian, in fact, implies the S shape sense of SNAPPY. Over white spaces between the upper and lower color is forging straightly and horizontally. This means the shortest path, indicating the direction of company- Forging in the right direction without making a detour. Besides, its message is also great and gives us infinite imagination. KNOW HOW, NO LIMITS - know how to achieve the future with no limits.

This catalogue is not your
only source: www.snappy.cn

www.snappy.cn will provide you with a further source of information. Here you can access information on all products: product data, visualisations and downloads. Whether you are looking for technical data or new products – our regularly updated website will provide you with all the information you need. You also have the opportunity to view some interesting projects, subscribe to our Newsletter, widen your knowledge, and get to know our strengths. Good luck and happy hunting!





Product Overview

TUVULURCMKCPS					
SPA SPH SPE Series 40W-600W					01-22
Outdoor Super Slim SPA Series 100W-320W IP67					
Outdoor SPH Series 40W-600W IP65/IP67					
Outdoor SPE Series 100W-320W IP67					
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Outdoor Advertising Series 60W-150W IP66/IP67					
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Super Slim Series 6W-200W IP20					
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OUTDOOR APPLICATION

IP44/IP65/IP66/IP67 LED Power Supply

INDOOR APPLICATION

IP20 LED Power Supply

SPA SPH SPE Series 40W-600W

Outdoor Super Slim SPA Series 100W-320W



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SPA150-VFP
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Outdoor SPH Series 40W-600W



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SPH185-A
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SPH185-B
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SPH250-A
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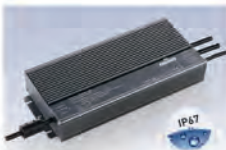
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Outdoor SPE Series 100W-320W



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SPE200-VLP
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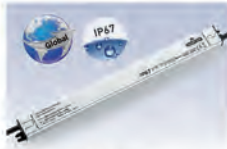
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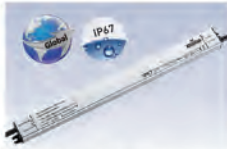
SPE320-VLP
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Linetype Series 30W-240W

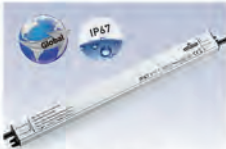
Outdoor Advertising Series 60-150W



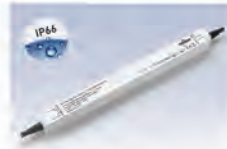
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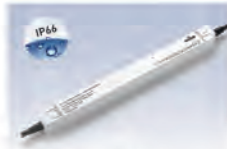
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SNP150-VFP-1
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Linetype Series 30W-240W

IP20 Wide Input Voltage Series 45W-150W



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IP20 Regular Series 30W-240W



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SNP45-VF-1
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SL60-VF
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SL75-VF
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SL100-VF
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Push in Clamp Terminal Series 60W-150W



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SNP100-VFD-1
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SNP150-VFB-1
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SNP150-VFD-1
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DALI Dimmable Series 60W-150W

DALI Constant Voltage Series 60W-150W



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SDL60-VFP
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SDL60-VF
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SDL100-VFB
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SDL100-VFP
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SDL100-VF
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SDL150-VFB
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SDL150-VFP
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SDL150-VF
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DALI Controller



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Triac & Push In One Series 10W-100W

Constant Current & Constant Voltage Series 10W-100W



SNP10-ILT
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SP15-ILT
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Regular & Super Slim Series 6W-320W

IP44 Super Slim Series 6W-100W



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SNP75-VFP
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IP20 Super Slim Series 6W-150W



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SNP12-VF-1
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SNP60-VF-2
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SNP75-VF
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SNP100-VF
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SNP150-VF
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IP20 Regular Series 8W-320W



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SNP8-VL-1/SNP8-IL-1
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SNP8-VL-2/SNP8-IL-2
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SNP15-VL/SNP15-IL/
SNP15-VL-1/SNP15-IL-1
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SNP30-VL-1
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SE30-VL
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SE60-VL
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SNP75-VL-E
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SE100-VL
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SE150-VL
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SNP200-VL
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UE Series 6W-100W



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Plug in Series 8W-24W



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SNP12-VLW/SNP12-ILW
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Special Series

SPV Series 100W



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SPV100-B
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SNP4-ILP
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Dimming Modules



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UL Series 12W-100W



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SNP15-VF(UL)/
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SNP100-VF-1(UL)
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New Products

OUTDOOR APPLICATION

Outdoor Super Slim SPA Series
Outdoor SPH Series
Outdoor SPE Series
Outdoor Advertising Series
IP44 Super Slim Series



POSEIDON

Waterproof



HERKULES

Strong

Outdoor LED Power Supply for Outdoor Lighting

Versatile, energy-efficient and
cost-saving solutions



reliable, durable and efficient



SPA Series
page 02-04



SPH Series
page 07-16



SPE Series
page 18-22



Outdoor Advertising Series
page 25-28

Where can Outdoor LED Power Supply be used?

Application areas

- Park and home Garden, byway
- Restaurants, Hotel
- Bridge or Road, embellishing the city
- Waterfalls, such as underwater lighting can be used for rockery



Hotel and Architectural Lighting



Lawn and Garden Lighting (round)

SPA SPH SPE Series

Outdoor Super Slim SPA Series



Slim and flat LED drivers with metal case for outdoor LED lighting
Open Circuit; Short Circuit; Over Load, Over Heat Protection

Metal case with protection grade IP67

SPA150-VFP

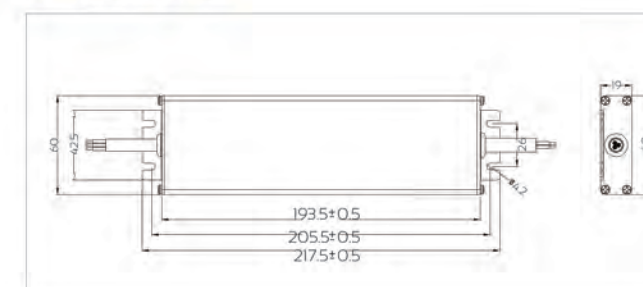


Reliable Technical Data

- Input Voltage Range: 90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections: short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 3.75KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



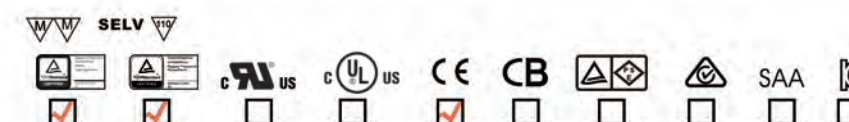
Dimension in mm



Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPA100-12VFP	12V	0-100W	8.33A	>0.95	60°C	95°C	Pending	IP67
SPA100-24VFP	24V	0-100W	4.16A	>0.95	60°C	95°C	Pending	IP67
SPA150-12VFP	12V	0-150W	12.5A	>0.95	60°C	95°C	217.5x60x19	IP67
SPA150-24VFP	24V	0-150W	6.25A	>0.95	60°C	95°C	217.5x60x19	IP67



SPA200-VFP

CV Version



Super thin 20.7mm
Thickness only

Reliable Technical Data

- Input Voltage Range: 90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections: short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 3.75KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)

SPA250-VFP

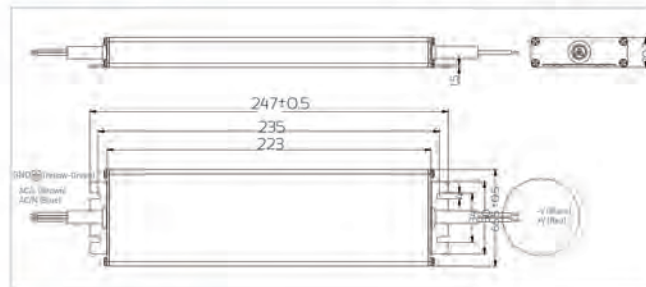
CV Version



Super thin 20.7mm
Thickness only



Dimension in mm



Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPA200-12VFP	12V	0-200W	16.6	>0.95	60°C	95°C	247x66.5x20.7	IP67
SPA200-24VFP	24V	0-200W	8.3A	>0.95	60°C	95°C	247x66.5x20.7	IP67
SPA250-12VFP	12V	0-250W	20.8A	>0.95	60°C	95°C	247x66.5x20.7	IP67
SPA250-24VFP	24V	0-250W	10.4A	>0.95	60°C	95°C	247x66.5x20.7	IP67



SPA320-VFP

CV Version



Super thin 22.4mm
Thickness only

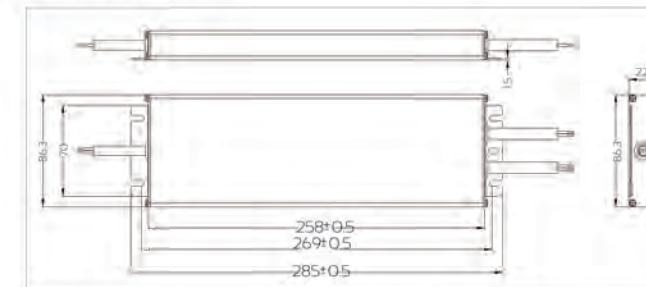
Reliable Technical Data

- Input Voltage Range: 90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections: short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

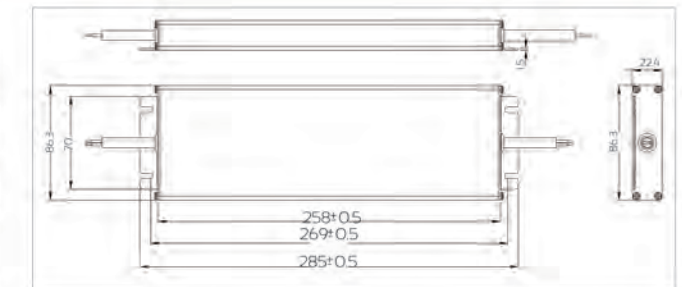
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 3.75KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPA320-12VFP



SPA320-24VFP

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPA320-12VFP	12V	0-300W	25A	>0.95	60°C	95°C	285x86.3x22.4	IP67
SPA320-24VFP	24V	0-320W	13.3A	>0.95	60°C	95°C	285x86.3x22.4	IP67



 SPA SPH SPE Series
Outdoor SPH Series



High Safety performance over current, over voltage,
short circuit, over load and over heat protection.

Suitable for outdoor use

IP65/IP67 — Dimmable / Non-Dimmable

SPH40-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH40-B

DIMMABLE

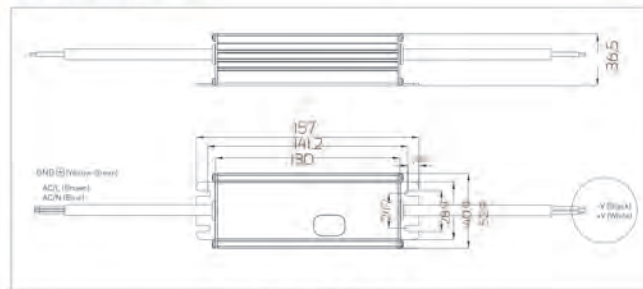
LED set
SELV Output



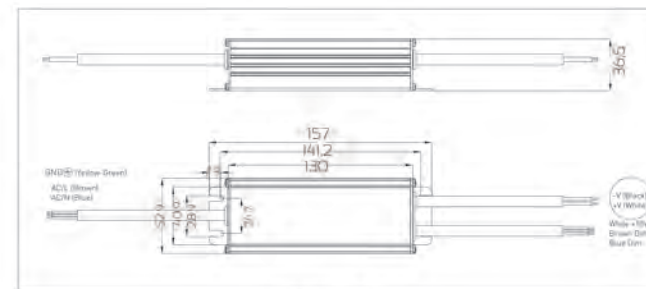
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH40-A



SPH40-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 60°C, Tc 85°C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH40-12A/B	12V	10~13.5V DC	3.3A	40W	15V	2-3.3A	86%
SPH40-15A/B	15V	13.5~17V DC	2.66A	40W	20V	1.6-2.66A	86.5%
SPH40-24A/B	24V	22~27V DC	1.66A	40W	30V	1-1.66A	88%
SPH40-36A/B	36V	33~40V DC	1.1A	40W	44V	0.66-1.1A	88.5%
SPH40-48A/B	48V	43~53V DC	0.83A	40W	55V	0.5-0.83A	89%



SPH60-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH60-B

DIMMABLE

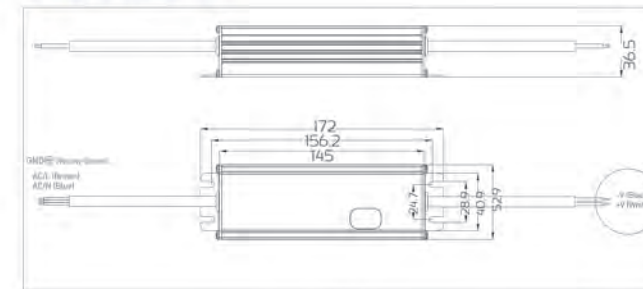
LED set
SELV Output



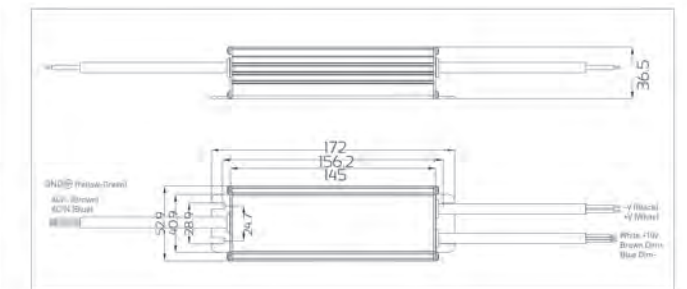
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH60-A



SPH60-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (PF>0.9 measured at AC230V and full load) Ta 60°C, Tc 95°C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH60-12A/B	12V	8~13.5V DC	5A	60W	15V	2.5-5A	88%
SPH60-15A/B	15V	10~17V DC	4A	60W	19V	2-4A	88%
SPH60-24A/B	24V	15~27V DC	2.5A	60W	29V	1.25-2.5A	88%
SPH60-36A/B	36V	32~41V DC	1.67A	60W	43V	0.85-1.67A	89%
SPH60-48A/B	48V	42~54V DC	1.25A	60W	56V	0.6-1.25A	89%



SPH80-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH80-B

DIMMABLE

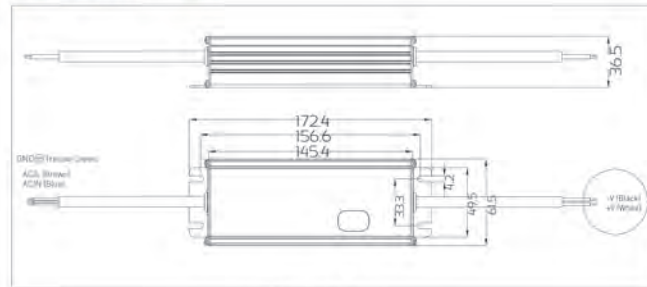
LED set
SELV Output



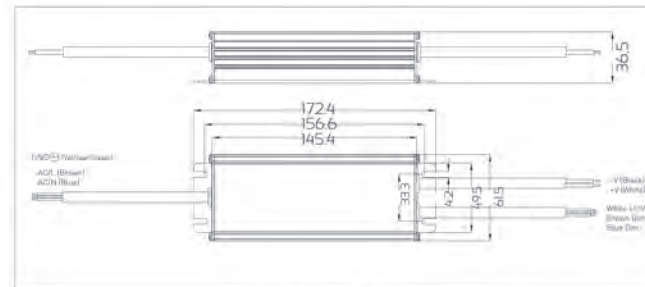
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH80-A



SPH80-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 60°C, Tc 95°C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH80-12A/B	12V	8~13.5V DC	6.7A	80W	15V	3.5-6.7A	88%
SPH80-15A/B	15V	10~17V DC	5.33A	80W	19V	2.5-5.33A	88%
SPH80-24A/B	24V	15~27V DC	3.33A	80W	29V	1.6-3.33A	89%
SPH80-36A/B	36V	32~41V DC	2.22A	80W	43V	1.1-2.22A	90%
SPH80-48A/B	48V	42~54V DC	1.67A	80W	56V	0.8-1.67A	90%



SPH100-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH100-B

DIMMABLE

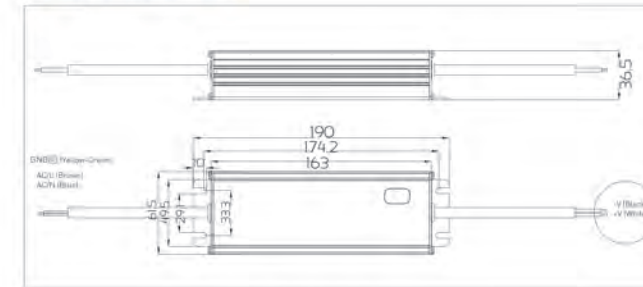
LED set
SELV Output



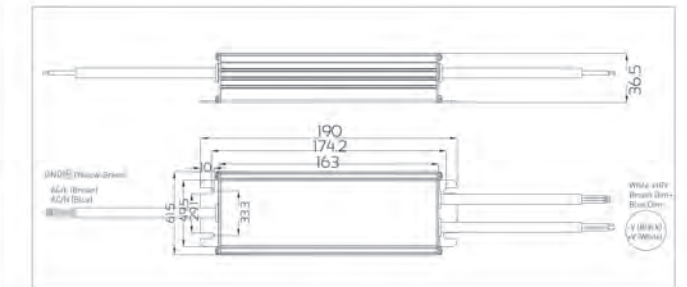
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH100-A



SPH100-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 55°C, Tc 95°C

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH100-12A/B	12V	10.5~13.5V DC	7.2V	8.1A	97W	15V	5-8.1A	91%
SPH100-15A/B	15V	13.5~17V DC	9V	6.6A	99W	20V	4.1-6.6A	91%
SPH100-24A/B	24V	22~27V DC	14.4V	4.1A	99W	30V	2.5-4.1A	93%
SPH100-36A/B	36V	33~40V DC	21.6V	2.75A	99W	44V	1.6-2.7A	92.5%
SPH100-48A/B	48V	43~53V DC	28.8V	2.05A	99W	56V	1.2-2.0A	92.5%



SPH150-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH150-B

DIMMABLE

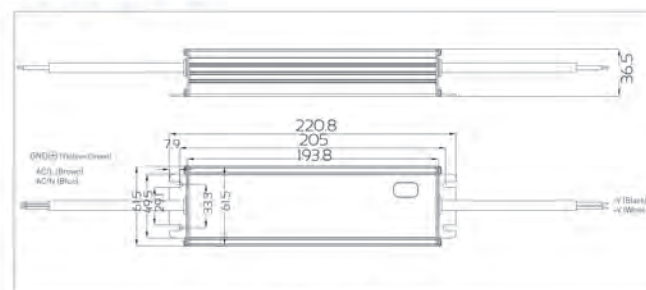
LED set
SELV Output



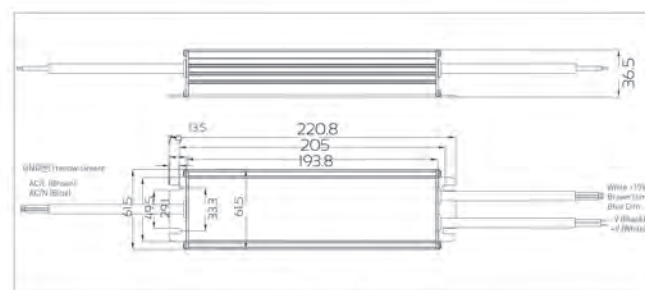
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH150-A



SPH150-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 55°C, Tc 95°C

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH150-12A/B	12V	10.5~13.5V DC	7.2V	12.5A	150W	15V	7.5-12.5A	91%
SPH150-15A/B	15V	13.5~17V DC	9V	10A	150W	20V	6-10A	92%
SPH150-24A/B	24V	22~27V DC	14.4V	6.3A	150W	30V	3.8-6.3A	93%
SPH150-36A/B	36V	33~40V DC	21.6V	4.2A	150W	44V	2.5-4.2A	93%
SPH150-48A/B	48V	43~53V DC	28.8V	3.2A	150W	53V	1.9-3.2A	93%



SPH185-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH185-B

DIMMABLE

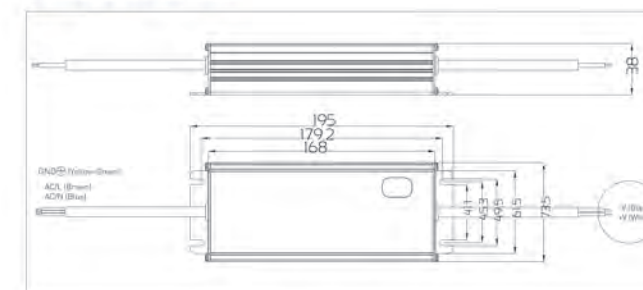
LED set
SELV Output



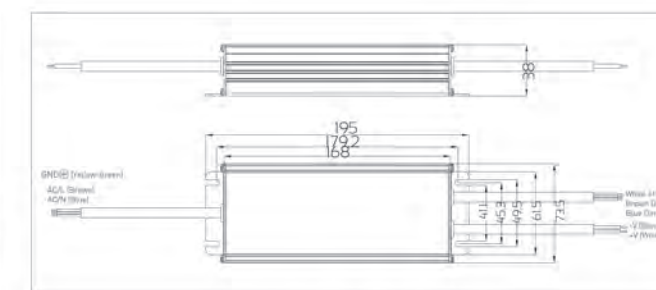
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH185-A



SPH185-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 55°C, Tc 95°C

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH185-12A/B	12V	10.5~13.5V DC	7.2V	14A	168W	15V	8.4-14A	92%
SPH185-15A/B	15V	13.5~17V DC	9V	12A	180W	20V	7.2-12A	92.5%
SPH185-24A/B	24V	22~27V DC	14.4V	7.7A	185W	30V	4.6-7.7A	93.5%
SPH185-36A/B	36V	33~40V DC	21.6V	5.1A	185W	44V	3-5.1A	94%
SPH185-48A/B	48V	43~53V DC	28.8V	3.85A	185W	56V	2.3-3.85A	94%



SPH250-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

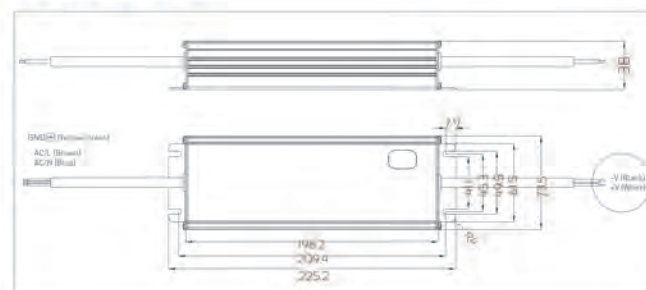
SPH250-B



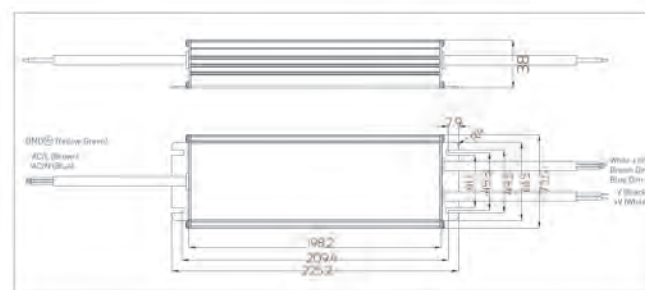
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH250-A



SPH250-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 55°C, Tc 95°C

Model No.	DC voltage	Voltage ADJ.range	Constant current output lowest voltage	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH250-12A/B	12V	10.5~13.5V DC	7.2V	18A	216W	15V	10.8-18A	92%
SPH250-15A/B	15V	13.5~17V DC	9V	15.4A	230W	20V	9.2-15.4A	93%
SPH250-24A/B	24V	22~27V DC	14.4V	10.4A	250W	30V	6-10.4A	93.5%
SPH250-36A/B	36V	33~40V DC	21.6V	7A	250W	44V	4.2-7A	94%
SPH250-48A/B	48V	43~53V DC	28.8V	5.2A	250W	53V	3.1-5.2A	94.5%
SPH250-54A/B	54V	49~58V DC	32.4V	4.63A	250W	64V	2.8-4.63A	94.5%



SPH320-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

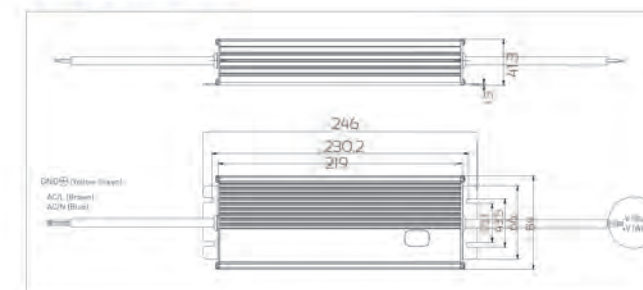
SPH320-B



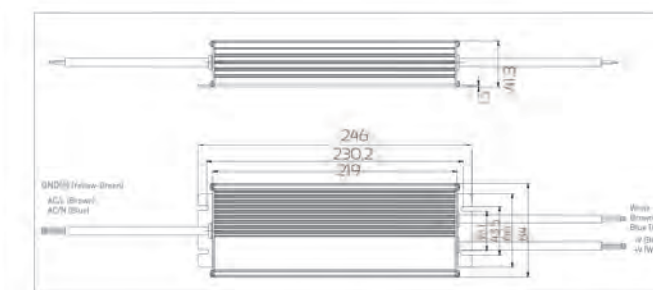
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH320-A



SPH320-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 50°C, Tc 85°C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH320-12A/B	12V	10.5~13.5V DC	22A	264W	15V	11-22A	92%
SPH320-15A/B	15V	13.5~17V DC	19A	285W	19V	9.5-19A	93%
SPH320-24A/B	24V	22~27V DC	13.4A	320W	30V	6.7-13.4A	94%
SPH320-36A/B	36V	33~40V DC	8.9A	320W	44V	4.5-8.9A	94.5%
SPH320-48A/B	48V	43~53V DC	6.7A	320W	55V	3.4-6.7A	95%
SPH320-54A/B	54V	49~58V DC	6A	320W	62V	3-5.93A	95%



SPH480-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH480-B

DIMMABLE

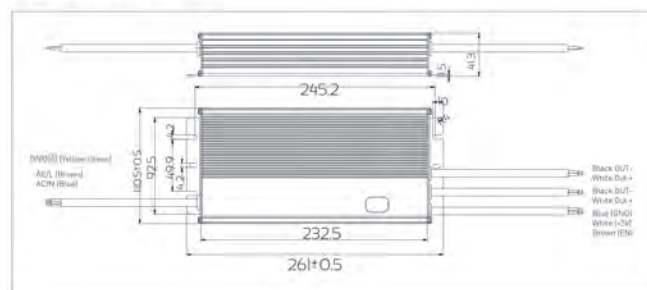
LED set
SELV Output



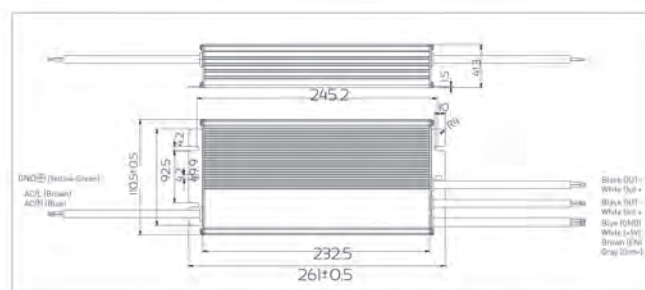
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 3.7KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH480-A



SPH480-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 50°C, Tc 85°C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH480-12A/B	12V	10.5~12.6V DC	35A	420W	12.6V	20-35A	92%
SPH480-24A/B	24V	21~25.2V DC	20A	480W	25.2V	10-20A	94%
SPH480-36A/B	36V	31.5~37.5V DC	13.33A	480W	37.5V	6.6-13.3A	94%
SPH480-48A/B	48V	42~50V DC	10.0A	480W	50V	5-10A	94%
SPH480-54A/B	54V	48~56.5V DC	8.89A	480W	56.5V	4.5-8.89A	94%



SPH600-A



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Output current and voltage is adjustable, IP65
- B series: Three in one dimming function (1-10Vdc, PWM signal or resistance), IP67
- Compliance to worldwide safety regulation for LED lightings
- 5 years warranty

SPH600-B

DIMMABLE

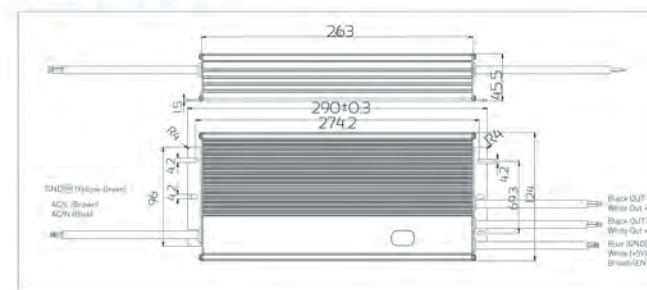
LED set
SELV Output



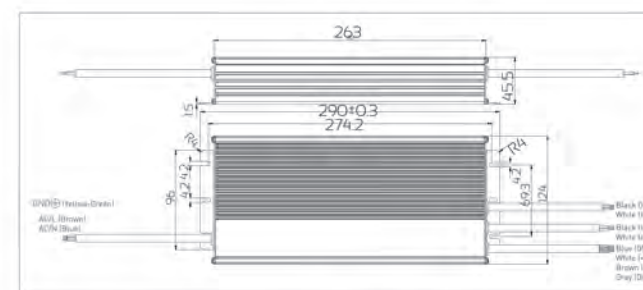
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPH600-A

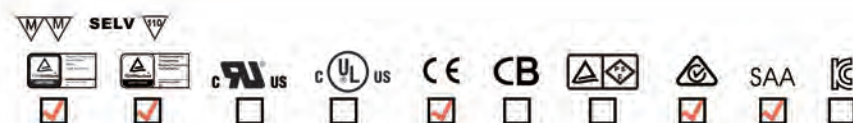


SPH600-B

Characteristics

Input Voltage Range: AC108-305V 50/60Hz [PF>0.9 measured at AC230V and full load] Ta 50°C, Tc 90°C

Model No.	DC voltage	Voltage ADJ.range	Rated current	Max output power	Max output voltage (NO LOAD)	Current ADJ. range	Efficiency
SPH600-12A/B	12V	10.2~12.6V DC	40A	480W	14V	20-40A	92.5%
SPH600-24A/B	24V	20.4~25.2V DC	25A	600W	27V	12.5-25A	94.5%
SPH600-36A/B	36V	30.6~37.8V DC	16.7A	600W	40V	8.3-16.7A	95%
SPH600-48A/B	48V	40.8~50.4V DC	12.5A	600W	53V	6.2-12.5A	95.5%
SPH600-54A/B	54V	45.9~56.7V DC	11.2A	600W	60V	5.6-11.2A	95.5%



SPA SPH SPE Series

Outdoor SPE Series



High safety performance, protection: short circuit, over load, over heat, over current, over voltage.

Suitable for outdoor use

IP67

SPE100-VLP

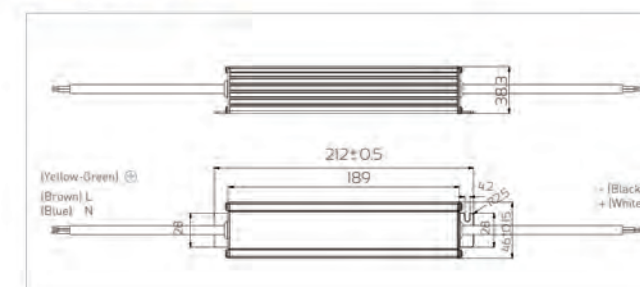


Reliable Technical Data

- Input Voltage Range: 180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections: short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE100-12VLP	12V	0-100W	8.33A	>0.95	60°C	90°C	212x46x38.3	IP67
SPE100-24VLP	24V	0-100W	4.17A	>0.95	60°C	90°C	212x46x38.3	IP67



SPE150-VLP

CV Version

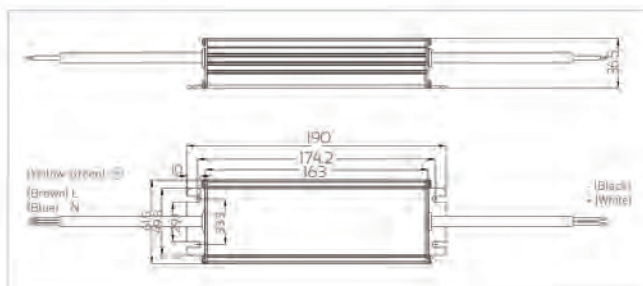


Reliable Technical Data

- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE150-12VLP	12V	0-150W	12.5A	≥0.95	60°C	90°C	190x61.5x36.5	IP67
SPE150-24VLP	24V	0-150W	6.25A	≥0.95	60°C	90°C	190x61.5x36.5	IP67



SPE200-VLP

CV Version

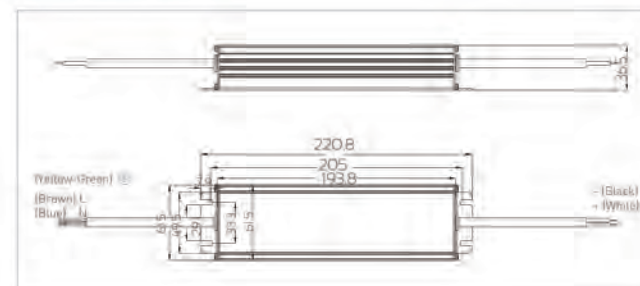


Reliable Technical Data

- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE200-12VLP	12V	0-200W	16.7A	≥0.95	60°C	90°C	220.8x61.5x36.5	IP67
SPE200-24VLP	24V	0-200W	8.33A	≥0.95	60°C	90°C	220.8x61.5x36.5	IP67



SPE250-VLP

CV Version

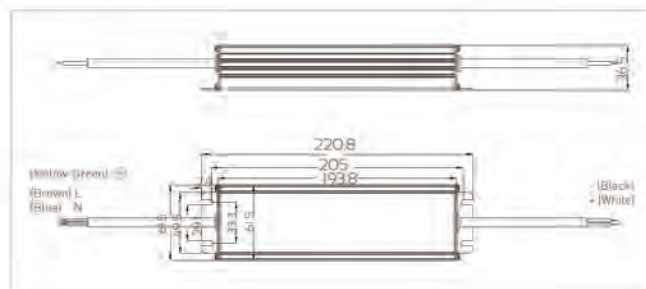


Reliable Technical Data

- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE250-12VLP	12V	0-240W	20A	≥0.9	50°C	90°C	220.8x61.5x36.5	IP67
SPE250-24VLP	24V	0-250W	10.4A	≥0.9	50°C	90°C	220.8x61.5x36.5	IP67



SPE320-VLP

CV Version

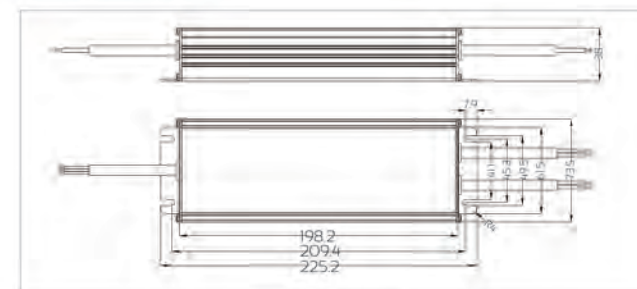


Reliable Technical Data

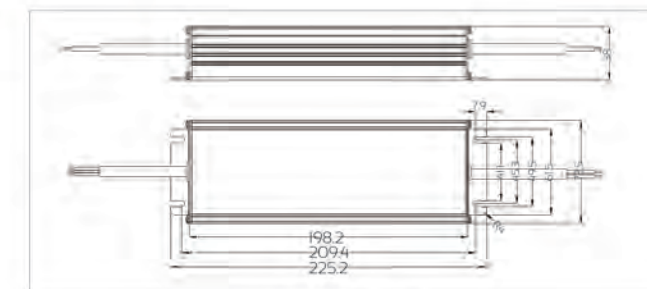
- Input Voltage Range:180-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- Safety standards to EN61347-1, EN61347-2-13
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C/ 70%RH
- EMC emission to EN55015
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPE320-12VLP



SPE320-24VLP

Characteristics

Input Voltage Range: AC180-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	DC voltage	Load	Max output current	PF	Ta	Tc	L x W x H	IP
SPE320-12VLP	12V	0-300W	25A	≥0.9	50°C	90°C	225.2x73.5x38	IP67
SPE320-24VLP	24V	0-320W	13.4A	≥0.9	50°C	90°C	225.2x73.5x38	IP67



Outdoor Linetype LED Power Supply Series

Outdoor Advertising Series



Open Circuit; Short Circuit; Over Load; Over Heat Protection, Linear Type LED Drivers

Metal case with protection grade IP67

SLP60-VFP(UE)



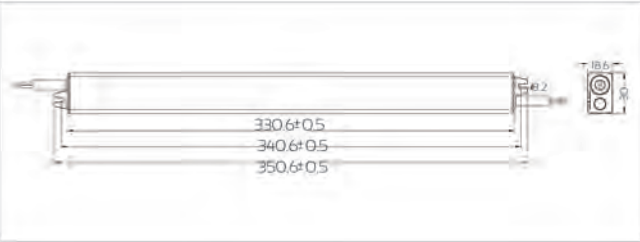
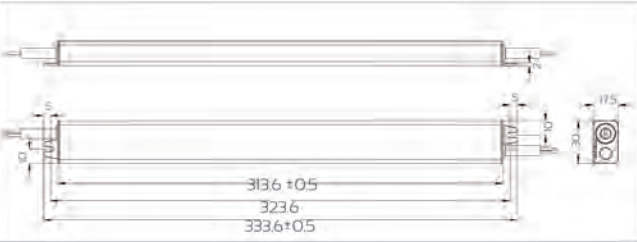
Reliable Technical Data

- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W/100W
- Dimension: 333.6x30x17.5mm
350.6x30x18.6mm
- Body: IP67, Aluminum case
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART15 ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SLP100-VFP(UE)



Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SLP60-12VFP(UE)	12V	0-60W	5A	≥0.9	45℃	80℃	333.6x30x17.5	IP67
SLP60-24VFP(UE)	24V	0-60W	2.5A	≥0.9	45℃	80℃	333.6x30x17.5	IP67
SLP100-12VFP(UE)	12V	0-100W	8.33A	≥0.9	45℃	90℃	350.6x30x18.6	IP67
SLP100-24VFP(UE)	24V	0-100W	4.17A	≥0.9	45℃	90℃	350.6x30x18.6	IP67



SLP150-VFP(UE)



Reliable Technical Data

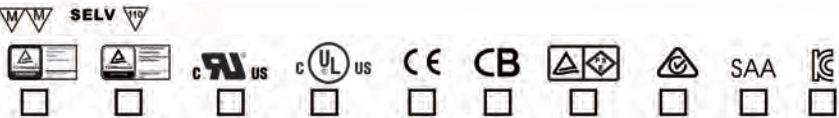
- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Dimension:Pending
- Body: IP67, Aluminum case
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART15 ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



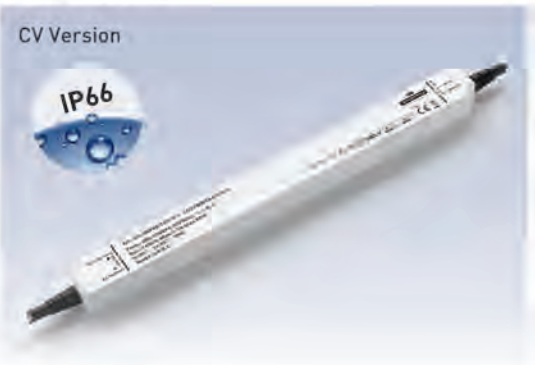
Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SLP150-12VFP(UE)	12V	0-132W	11A	≥0.9	45℃	80℃	Pending	IP67
SLP150-24VFP(UE)	24V	0-150W	6.25A	≥0.9	45℃	80℃	Pending	IP67



SNP60-VFP-1

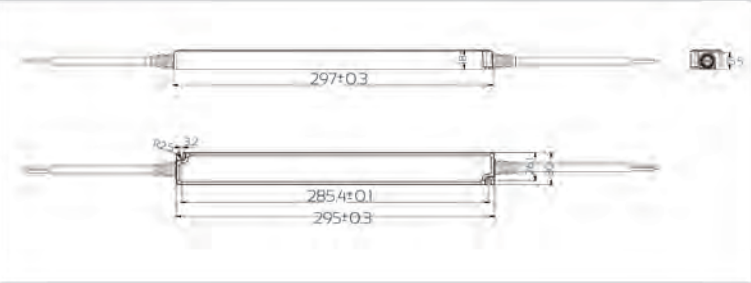


Reliable Technical Data

- Input Voltage Range:180-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Dimension:L297xW30xH18mm
- Body: PC Body with Protection Grade IP66
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



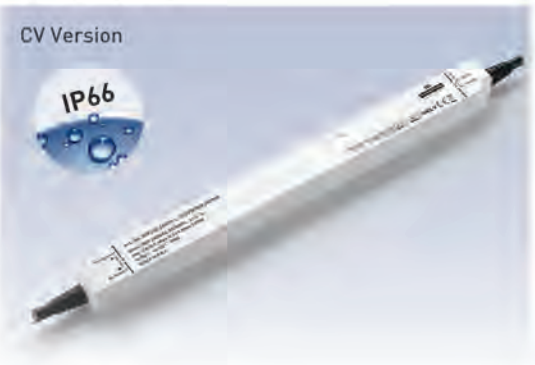
Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP60-12VFP-1	12V	0-60W	5A	≥0.9	45℃	80℃	297x30x18	IP66
SNP60-24VFP-1	24V	0-60W	2.5A	≥0.9	45℃	80℃	297x30x18	IP66



SNP100-VFP-1

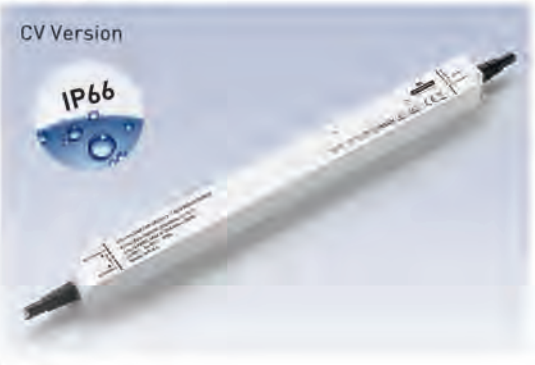


Reliable Technical Data

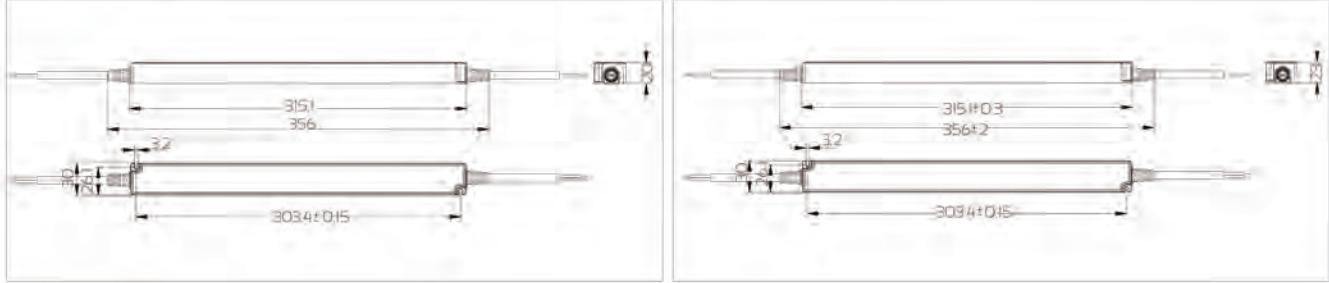
- Input Voltage Range:180-264 VAC
- Input Frequency:50/60Hz
- Output Power:100W/150W
- Dimension:L315.1xW30xH20mm (SNP100-VFP-1)
L315.1xW30xH23mm (SNP150-VFP-1)
- Body: PC Body with Protection Grade IP66
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



SNP150-VFP-1



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP100-12VFP-1	12V	0-100W	8.33A	≥0.9	50℃	85℃	315.1x30x20	IP66
SNP100-24VFP-1	24V	0-100W	4.17A	≥0.9	50℃	85℃	315.1x30x20	IP66
SNP150-12VFP-1	12V	0-132W	11A	≥0.9	45℃	90℃	315.1x30x23	IP66
SNP150-24VFP-1	24V	0-150W	6.25A	≥0.9	45℃	90℃	315.1x30x23	IP66



INDOOR APPLICATION

Linetype Series
DALI Dimmable Series
Triac Three In One Series
Regular & Super Slim Series
Plug in Series
UL Series

 **HELENA**
Super Slim

 **PROMETHEUS**
Regular Human, Vision

 **HELIOS**
Dimmable

 **MARATHON**
Long Life

Indoor LED Power Supply

Open Circuit, Short Circuit, Over Load
Suitable for LED Lighting and LED
sign applications



RELIABLE, DURABLE AND EFFICIENT



Linetype Series
page 23-52



DALI Dimmable Series
page 53-60



Regular & Super Slim Series
page 79-118



Plug in Series
page 119-124

Where can Indoor LED Power Supply be used?

Application areas

- Offices, Reception areas and Boardrooms
- Restaurants, Hotel
- Public Buildings, Showroom, Schools and Gyms
- Retail, Supermarkets, Bakeries, Shops



- Small size, Light weight, easy to installtion and transportation
- Constant output current, low ripple. ensure the LED make use of securit, stability, improve LED lighting effect, reduce optical decay
- Open Circrit; Over Heat; Over Load; Short Circuit Protection

Indoor Linetype LED Power Supply

IP20 Wide Input Voltage Series



Snappy Linetype LED power supply is a perfect solution for
LED lighting and LED sign applications
Short Circuit; Over Load, Over Voltage, Over Heat Protection.
Input: 100-240VAC

CV Version



- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:45W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1, EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194



Input Voltage Range: AC90-264V 50/60Hz [power factor measured at AC230V and full load]

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL45-12VF[UE]	12V	0-45W	3.78A	≥ 0.5	45°C	85°C	251x30x16
SL45-24VF[UE]	24V	0-45W	1.875A	≥ 0.5	45°C	85°C	251x30x16



CV Version



- Input Voltage Range: 90-264VAC
- Input Frequency: 50/60Hz
- Output Power: 60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1, EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194



Technical drawing of a 3046x298.2mm extrusion profile. The drawing includes a side view and two cross-sections. The side view shows a long, narrow profile with a total length of 3046mm and a width of 298.2mm. The cross-sections show the internal structure of the profile, including a central cavity and various internal features. The top cross-section shows a width of 304.6mm and a height of 19mm. The bottom cross-section shows a width of 298.2mm and a height of 30mm. The drawing is labeled with dimensions and part numbers.

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP60-12VF-1(UL)	12V	0-75W for 230Vac	5.0A	≥ 0.95	45°C	80°C	304.6x30x16.7
SNP60-24VF-1(UL)	24V	0-60W for 120Vac	2.5A	≥ 0.95	45°C	80°C	304.6x30x16.7



IP20 Wide Input Voltage Linetype Series

SL100-VF(UE)

CV Version



Reliable Technical Data

- Input Voltage Range: 90-264VAC
- Input Frequency: 50/60Hz
- Output Power: 100W/150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1, EN61347-2-13, UL8750
- EMI According to EN55015, FCC PART ClassB
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

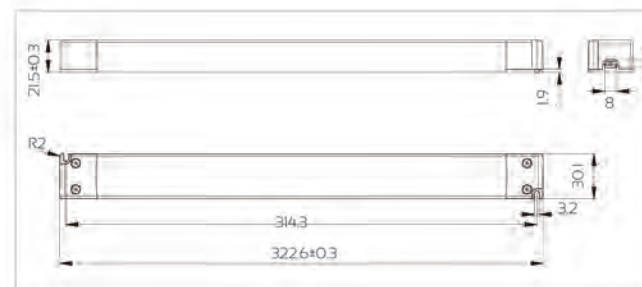


SL150-VF(UE)

CV Version



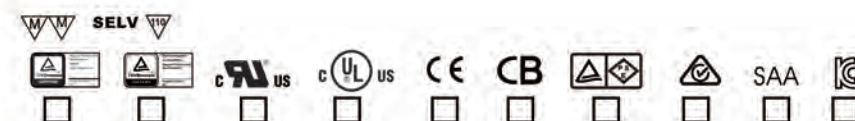
Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL100-12VF(UE)	12V	0-100W	8.33A	≥0.9	45°C	85°C	320.6x30x18.2
SL100-24VF(UE)	24V	0-100W	4.17A	≥0.9	45°C	85°C	320.6x30x18.2
SL150-12VF(UE)	12V	0-132W	11A	≥0.9	45°C	85°C	322.6x30.1x21.5
SL150-24VF(UE)	24V	0-150W	6.25A	≥0.9	45°C	85°C	322.6x30.1x21.5



Indoor Linetype LED Power Supply IP20 Regular Series



Snappy Linetype LED power supply is a perfect solution for
LED lighting and LED sign applications
Short Circuit; Over Load, Over Voltage, Over Heat Protection.

CV/CC Version



Super thin 16 mm
Thickness only

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VF-1	12V	0-30W	2.5A	≥0.9	45°C	80°C	251x30x16
SNP30-24VF-1	24V	0-30W	1.25A	≥0.9	45°C	80°C	251x30x16
SNP30-12VF-2	12V	0-30W	2.5A	≥0.9	45°C	80°C	251x30x16
SNP30-24VF-2	24V	0-30W	1.25A	≥0.9	45°C	80°C	251x30x16

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP30-350IF-1	350mA	15-30W	43-86VDC	≥0.9	50℃	80℃	251x30x16
SNP30-500IF-1	500mA	15-30W	30-60VDC	≥0.9	50℃	80℃	251x30x16
SNP30-700IF-1	700mA	15-30W	21-43VDC	≥0.9	50℃	80℃	251x30x16
SNP30-1050IF-1	1050mA	15-30W	14-29VDC	≥0.9	50℃	80℃	251x30x16
SNP30-1400IF-1	1400mA	15-30W	11-22VDC	≥0.9	50℃	80℃	251x30x16



CV Version



Super thin 16 mm
Thickness only

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:45W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Technical drawing of a shaft with the following dimensions and labels:

- Overall length: 251 ± 0.3
- Distance from left end to first keyway: 244.7
- Left end features a keyway with a width of 31 .
- Right end features a keyway with a width of 31 .
- Distance from right end to second keyway: 85
- Distance between the two keyways: 85
- Distance from the second keyway to the right end: 85
- Keyway width at the right end: 30 ± 0.06
- Keyway depth at the right end: 8
- Keyway width at the left end: 31
- Keyway depth at the left end: 8

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP45-12VF-1	12V	0-45W	3.75A	≥ 0.9	45℃	80℃	251x30x16
SNP45-24VF-1	24V	0-45W	1.87A	≥ 0.9	45℃	80℃	251x30x16



SL60-VF



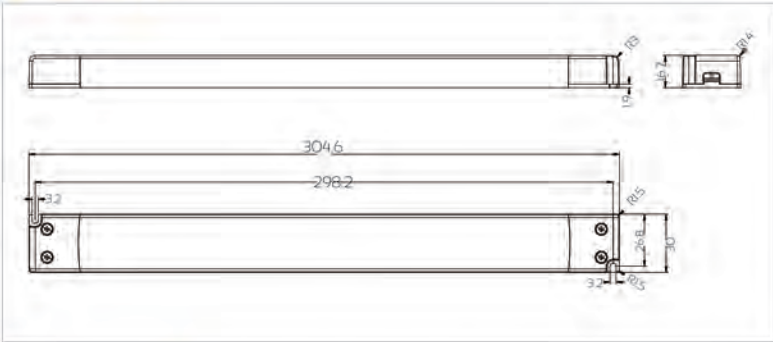
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W/75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SL75-VF



Dimension in mm



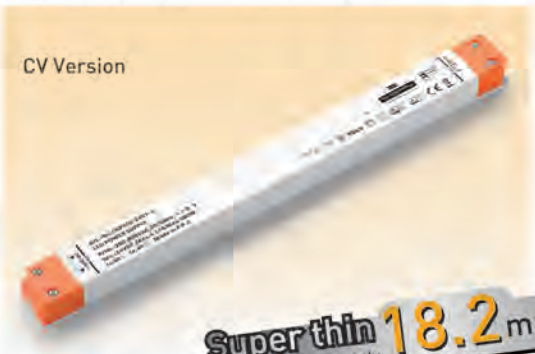
Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL60-12VF	12V	0-60W	5.0A	≥0.9	45℃	80℃	304.6x30x16.7
SL60-24VF	24V	0-60W	2.5A	≥0.9	45℃	80℃	304.6x30x16.7
SL75-12VF	12V	0-75W	6.25A	≥0.9	45℃	80℃	304.6x30x16.7
SL75-24VF	24V	0-75W	3.125A	≥0.9	45℃	80℃	304.6x30x16.7



SNP100-VF-1/SNP100-VF-1S



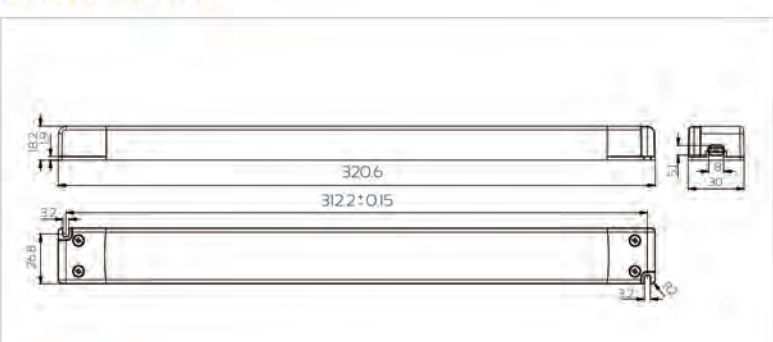
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SL100-VF



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VF-1	12V	0-100W	8.33A	≥0.9	45℃	85℃	320.6x30x18.2
SNP100-24VF-1	24V	0-100W	4.17A	≥0.9	45℃	85℃	320.6x30x18.2
SNP100-12VF-1S	12V	0-100W	8.33A	≥0.9	45℃	85℃	320.6x30x18.2
SNP100-24VF-1S	24V	0-100W	4.17A	≥0.9	45℃	85℃	320.6x30x18.2
SL100-24VF	24V	0-100W	4.17A	≥0.9	45℃	85℃	320.6x30x18.2



SNP150-VF-1



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Super thin 21.5mm
Thickness only

Dimension in mm



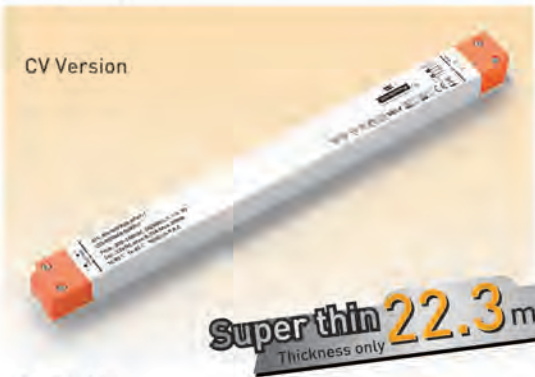
Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP150-12VF-1	12V	0-132W	11A	≥0.95	45℃	90℃	322.6x30.1x21.5
SNP150-24VF-1	24V	0-150W	6.25A	≥0.95	45℃	90℃	322.6x30.1x21.5



SNP200-VF-1



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:200W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



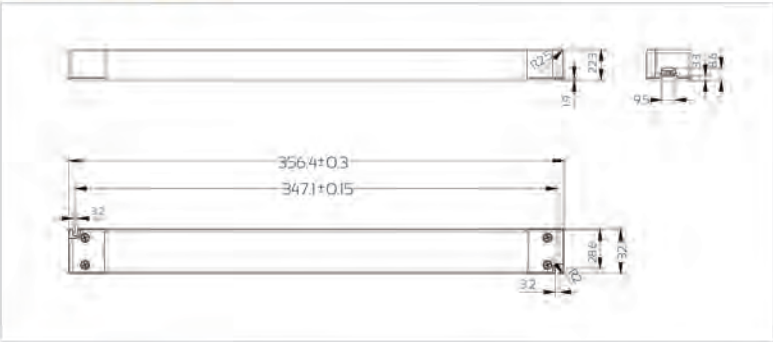
Super thin 22.3mm
Thickness only

SL200-VF



Super thin 22.3mm
Thickness only

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP200-12VF-1	12V	0-180W	15A	≥0.95	45℃	85℃	356.4x32.1x22.3
SNP200-24VF-1	24V	0-200W	8.33A	≥0.95	45℃	85℃	356.4x32.1x22.3
SL200-12VF	12V	0-180W	15A	≥0.95	45℃	85℃	356.4x32.1x22.3
SL200-24VF	24V	0-200W	8.33A	≥0.95	45℃	85℃	356.4x32.1x22.3
SL200-48VF	48V	0-200W	4.16A	≥0.95	45℃	85℃	356.4x32.1x22.3



IP20 Regular Linetype Series

SL240-VF



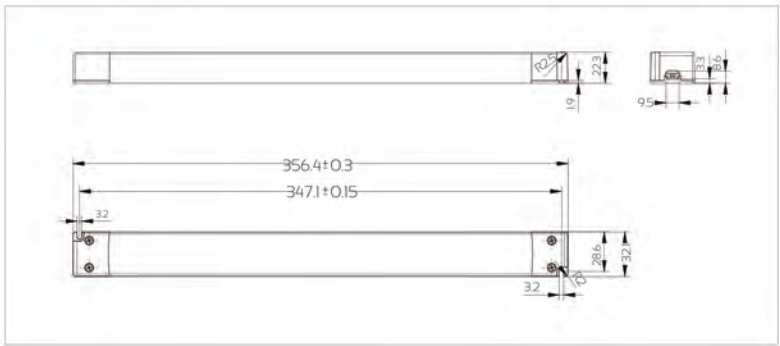
Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:240W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
 - Over Heat Protection
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012

Super thin 22.3mm
Thickness only



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz [power factor measured at AC230V and full load]

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SL240-24VF	24V	0-240W	10A	≥0.95	45℃	90℃	356.4x32.1x22.3



Indoor Linetype LED Power Supply
Push In Clamp Terminal Series



Snappy Linetype LED power supply is a perfect solution for LED lighting and LED sign applications

Short Circuit; Over Load, Over Voltage, Over Heat Protection.

Dimmable

Art.-No. SNP150-12VFD-1
LED POWER SUPPLY(DIMMABLE)
Prim.:200-240VAC,50/60Hz
Sec.:12VDC,Max.11A Max.132W
tc:80 ta:50
Made in P.R.C

SELV

SNAPPY

Dimmable



SNP100-VFB-1



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SNP100-VFD-1



Push dimming optional



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VFB-1	12V	0-100W	8.33A	≥0.95	55℃	80℃	318x30x18.2
SNP100-24VFB-1	24V	0-100W	4.16A	≥0.95	55℃	80℃	318x30x18.2
SNP100-12VFD-1	12V	0-100W	8.33A	≥0.95	55℃	80℃	318x30x18.2
SNP100-24VFD-1	24V	0-100W	4.16A	≥0.95	55℃	80℃	318x30x18.2



SNP150-VFB-1



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

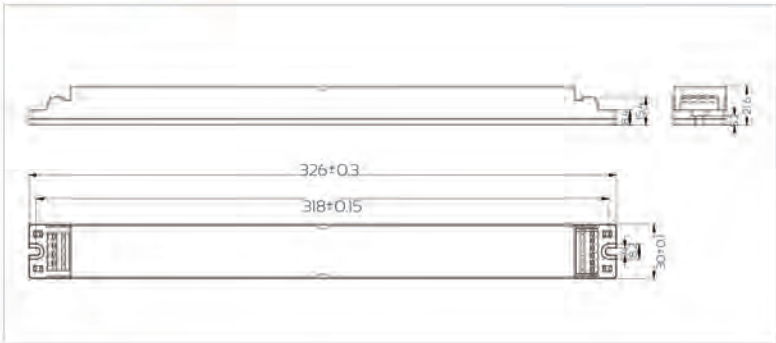
SNP150-VFD-1



Push dimming optional



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP150-12VFB-1	12V	0-132W	11A	≥0.95	50℃	80℃	326x30x21.6
SNP150-24VFB-1	24V	0-150W	6.25A	≥0.95	50℃	80℃	326x30x21.6
SNP150-12VFD-1	12V	0-132W	11A	≥0.95	50℃	80℃	326x30x21.6
SNP150-24VFD-1	24V	0-150W	6.25A	≥0.95	50℃	80℃	326x30x21.6





Where can DALI LED Power Supply be used

Application areas

- Offices
- Public Buildings, Airports and Subway

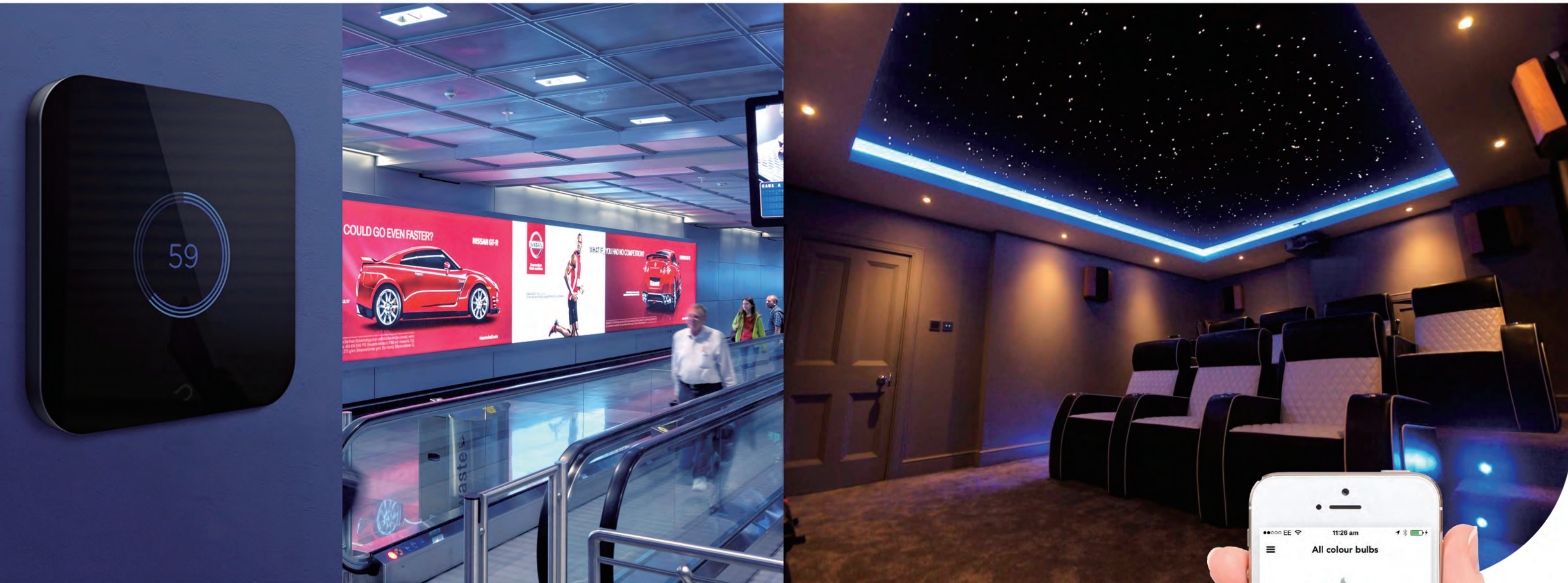


Brightness Adjustment



Color Change

DALI Dimmable Series



DALI Control



Smart



Touch



Sensor

Small size, Light weight, Easy to installation and transportation

Open Circuit; Short Circuit; Over Load

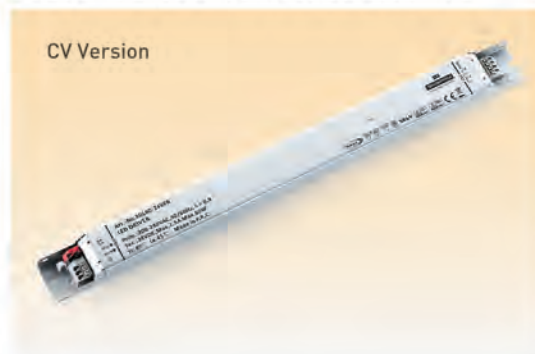
Dimmable



SDL60-VFB/SDL100-VFB/SDL150-VFB



CV Version



Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50/60Hz
- Output Power:60W/100W/150W
- Body: Tinplate, Aluminium, Plastic case
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- DALI 2 IEC62386



SDL60-VFP/SDL100-VFP/SDL150-VFP



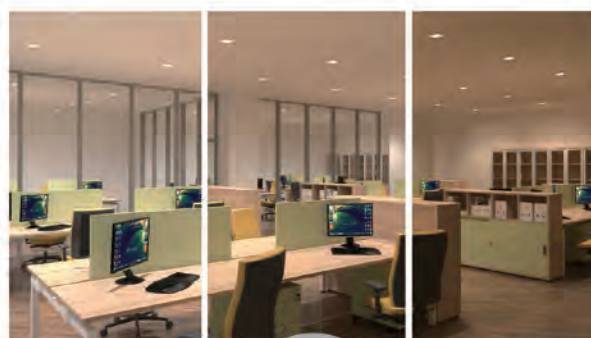
CV Version



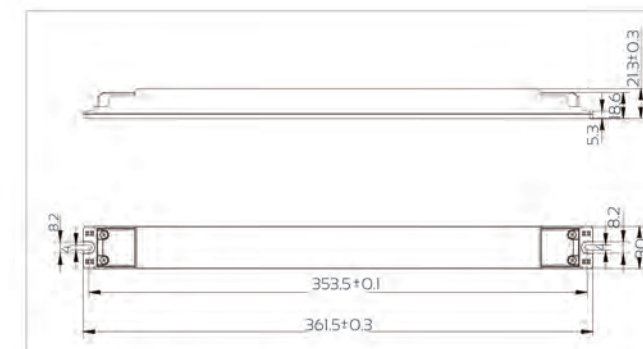
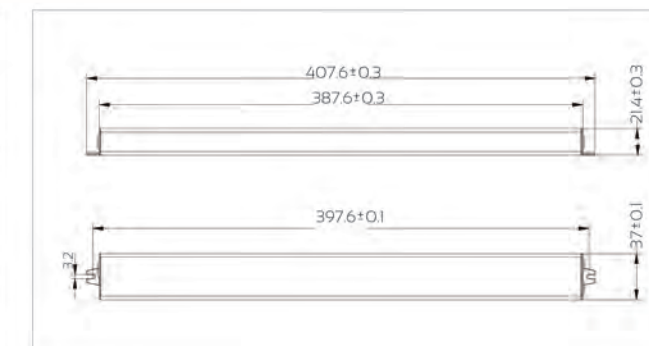
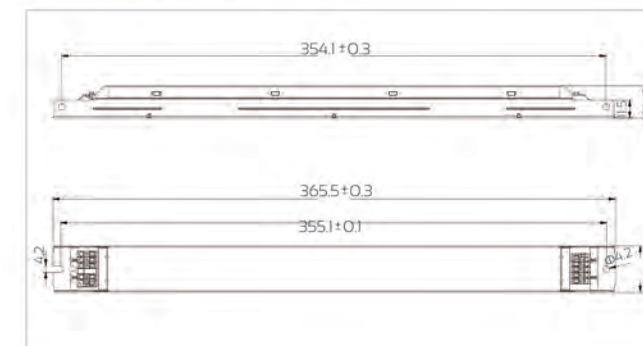
SDL60-VF/SDL100-VF/SDL150-VF



CV Version



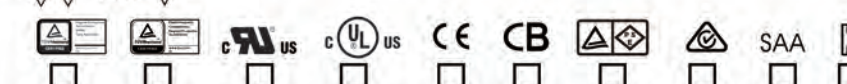
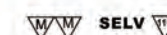
Dimension in mm



Characteristics

Input Voltage Range:198-264VAC 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Max output current	Power	PF	Ta	Tc	Body
SDL60-VFB	12V/24V	5.0A/2.5A	0-60W	≥0.9	45°C	80°C	Tinplate
SDL100-VFB	12V/24V	8.33A/4.17A	0-100W	≥0.9	45°C	85°C	Tinplate
SDL150-VFB	12V/24V	11A/6.25A	0-132W/0-150W	≥0.95	45°C	90°C	Tinplate
SDL60-VFP	12V/24V	5.0A/2.5A	0-60W	≥0.9	45°C	80°C	Aluminium
SDL100-VFP	12V/24V	8.33A/4.17A	0-100W	≥0.9	45°C	85°C	Aluminium
SDL150-VFP	12V/24V	11A/6.25A	0-132W/0-150W	≥0.95	45°C	90°C	Aluminium
SDL60-VF	12V/24V	5.0A/2.5A	0-60W	≥0.9	45°C	80°C	Plastic
SDL100-VF	12V/24V	8.33A/4.17A	0-100W	≥0.9	45°C	85°C	Plastic
SDL150-VF	12V/24V	11A/6.25A	0-132W/0-150W	≥0.95	45°C	90°C	Plastic



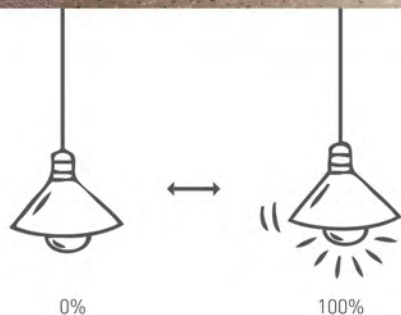
DALI Controller



DALI Dimmable Series
20W-150W



Dimming range: 0.1-100%



SDA-01

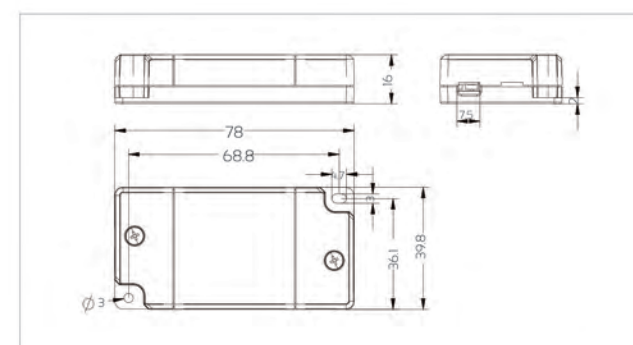


Reliable Technical Data

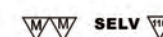
- Rated Input Voltage:12-24VDC
- Output Power:150W
- Dimension:L78xW39.8xH16mm
- Body:PC
- DALI IEC62386
- Suitable for indoor installations
- Intelligent digital dimmer (DALI) with constant output voltage
- Dimming range: 0.1-100%
- Device fits also for special applications where dimming below 1% is required



Dimension in mm



Model No.	Constant output voltage	Load	Max output Current	Ta	Tc	L x W x H
SDA-01	12-24V	0-150W	6.25A Max	50°C	75°C	78x39.8x16



DALI Dimmable Series
20W-150W



Dimmable LED Power Supply



Three In One Dimmable Series



Triac Dimmable Series



Dimmable LED Power Supply

Triac Dimmable Series



Small size, Light weight, Easy to installation and transportation

Open Circuit; Short Circuit; Over Load

Dimmable (Constant Current / Constant Voltage)



SNP10-ILT/SP10-ILT-1

DIMMABLE

CC Version

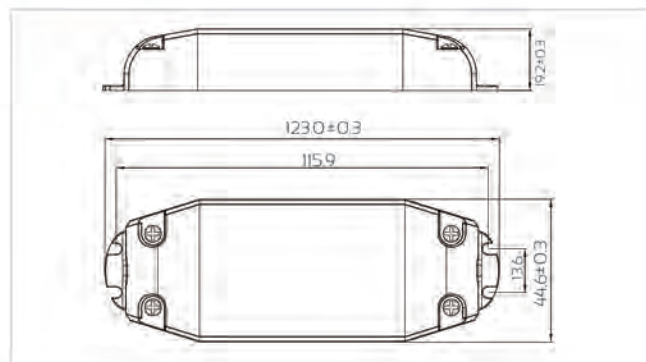


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:10W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



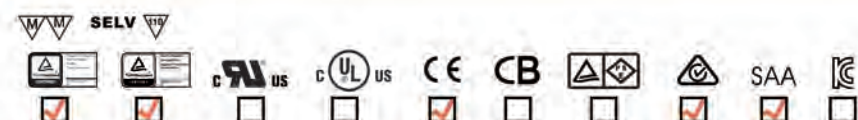
Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP10-350ILT	350mA	6-10W	17-28.5VDC	≥0.8	40°C	80°C	123x44.6x19.2
SNP10-450ILT	450mA	8-10W	13.4-22VDC	≥0.85	40°C	80°C	123x44.6x19.2
SP10-350ILT-1	350mA	2.8-10W	8-28VDC	≥0.9	40°C	80°C	123x44.6x19.2
SP10-700ILT-1	700mA	2.8-10W	4-14VDC	≥0.9	40°C	80°C	123x44.6x19.2



SP15-ILT

DIMMABLE

CC Version

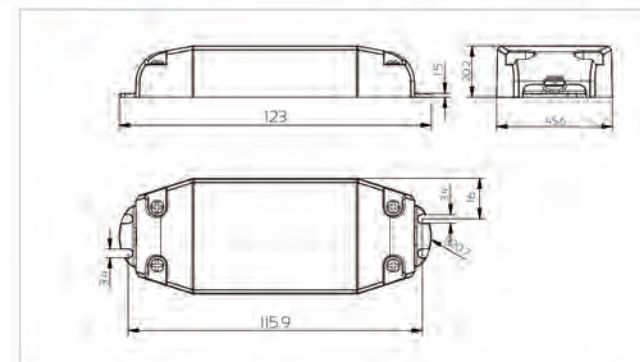


Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC198-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP15-350ILT	350mA	7.5-15W	21.5-42.5VDC	≥0.9	40°C	85°C	123x45.6x20.2
SP15-500ILT	500mA	7.5-15W	15-30VDC	≥0.9	40°C	85°C	123x45.6x20.2
SP15-700ILT	700mA	7.5-15W	10.5-21.5VDC	≥0.9	40°C	85°C	123x45.6x20.2



Triac Dimmable Series (Constant Current)

SP18-ILT

DIMMABLE

CC Version

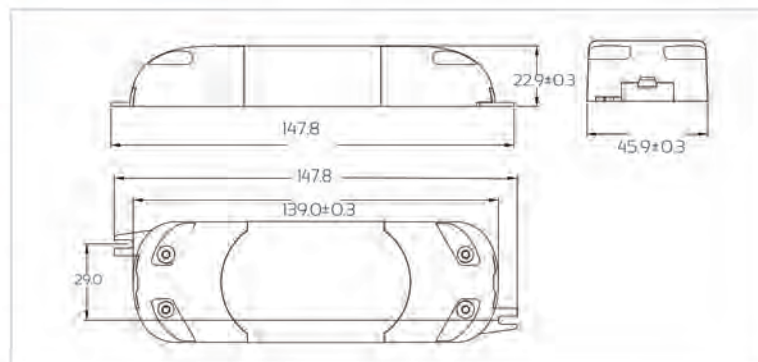


Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50/60Hz
- Output Power:18W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



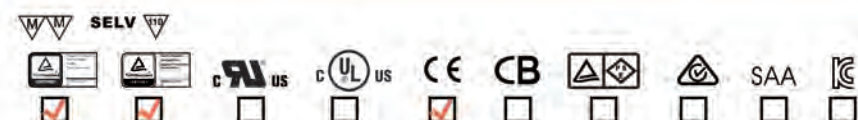
Dimension in mm



Characteristics

Input Voltage Range: AC198-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP18-350ILT	350mA	9-18W	25.5-51VDC	≥0.9	45°C	80°C	147.8x46x23
SP18-500ILT	500mA	9-18W	18-36VDC	≥0.9	45°C	80°C	147.8x46x23
SP18-700ILT	700mA	9-18W	12.5-25.5VDC	≥0.9	45°C	80°C	147.8x46x23



SP24-ILT

DIMMABLE

CC Version

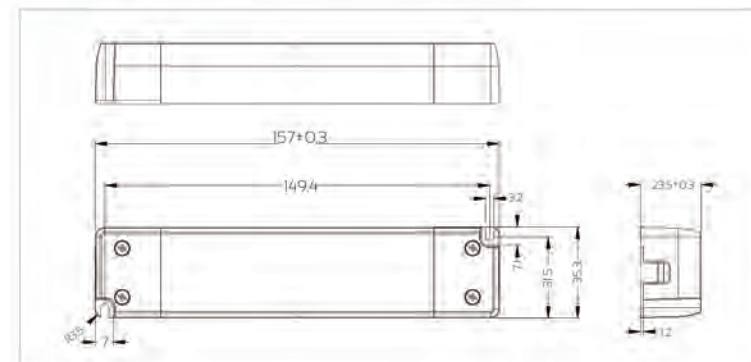


Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50Hz
- Output Power:24W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC198-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP24-350ILT	350mA	12-24W	34-68.5VDC	≥0.95	45°C	80°C	157x35.3x23.5
SP24-500ILT	500mA	12-24W	24-48VDC	≥0.95	45°C	80°C	157x35.3x23.5
SP24-700ILT	700mA	12-24W	17-34VDC	≥0.95	45°C	80°C	157x35.3x23.5
SP24-1050ILT	1050mA	12-24W	11-22.5VDC	≥0.95	45°C	80°C	157x35.3x23.5



Triac Dimmable Series (Constant Voltage)

SP25-VFT(UL)

DIMMABLE

CV Version



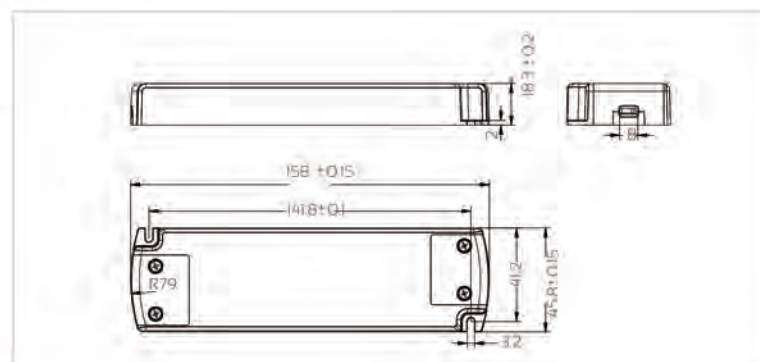
Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:25W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Conforms to UL Std. 8750
- EMC: FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC108-132V 60Hz [power factor measured at AC120V and full load]

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP25-12VFT(UL)	12V	6-25W	0.5-2.08A	≥0.9	45°C	85°C	158x45.8x18.3
SP25-24VFT(UL)	24V	6-25W	0.25-1.04A	≥0.9	45°C	85°C	158x45.8x18.3



SP30-VFT/SP36-VFT

DIMMABLE

CV Version



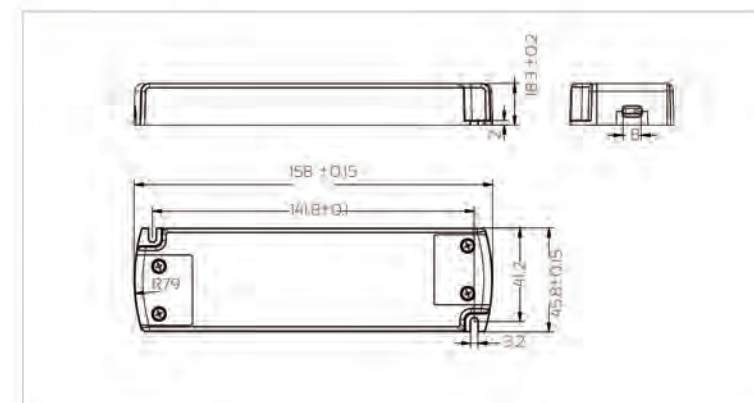
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:30W/36W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz [power factor measured at AC230V and full load]

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP30-12VFT	12V	6-30W	0.5-2.5A	≥0.9	45°C	85°C	158x45.8x18.3
SP30-24VFT	24V	6-30W	0.25-1.25A	≥0.9	45°C	85°C	158x45.8x18.3
SP36-12VFT	12V	12-36W	1-3A	≥0.9	45°C	90°C	158x45.8x18.3
SP36-24VFT	24V	12-36W	0.5-1.5A	≥0.9	45°C	90°C	158x45.8x18.3



Triac Dimmable Series (Constant Voltage)

SP36-ILT

DIMMABLE

CC Version

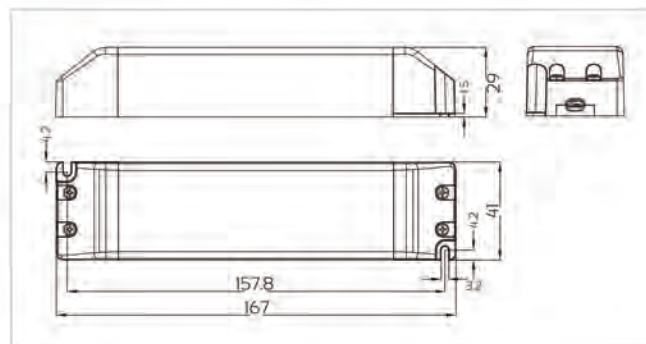


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50Hz
- Output Power:36W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm

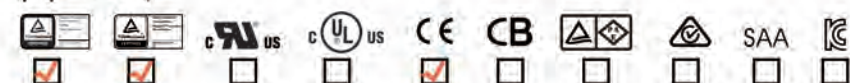


Characteristics

Input Voltage Range: AC180-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP36-350ILT	350mA	15-30W	42.5-85.5VDC	≥0.95	45°C	85°C	167x41x29
SP36-500ILT	500mA	18-36W	36-72VDC	≥0.95	45°C	85°C	167x41x29
SP36-700ILT	700mA	18-36W	25.5-51VDC	≥0.95	45°C	85°C	167x41x29
SP36-1050ILT	1050mA	18-36W	17-34VDC	≥0.95	45°C	85°C	167x41x29

SELV



SP50-VFT

DIMMABLE

CV Version



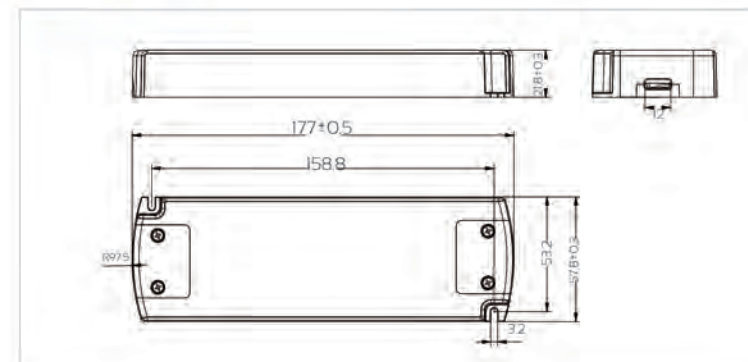
Super thin 21.8mm
Thickness only

Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50Hz
- Output Power:50W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP50-12VFT	12V	19-50W	1.6-4.16A	≥0.9	45°C	85°C	177x57.8x21.8
SP50-24VFT	24V	19-50W	0.8-2.08A	≥0.9	45°C	85°C	177x57.8x21.8

SELV



Triac Dimmable Series (Constant Voltage)

SP75-VLT

DIMMABLE

CV Version

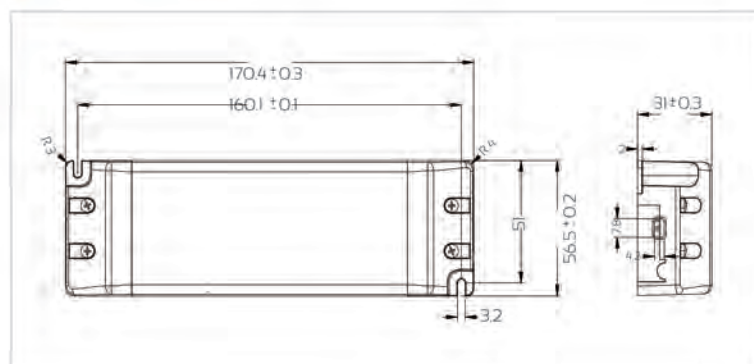


Reliable Technical Data

- Input Voltage Range: AC180-264VAC
 - Input Frequency: 50Hz
 - Output Power: 75W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
 - Over Heat Protection
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Output current range	PF	Ta	Tc	L x W x H
SP75-12VLT	12V	24-75W	2-6.25A	≥ 0.9	45°C	85°C	170.4x56.5x31
SP75-24VLT	24V	24-75W	1-3.125A	≥ 0.9	45°C	85°C	170.4x56.5x31

SELV



SP100-VLT

DIMMABLE

CV Version

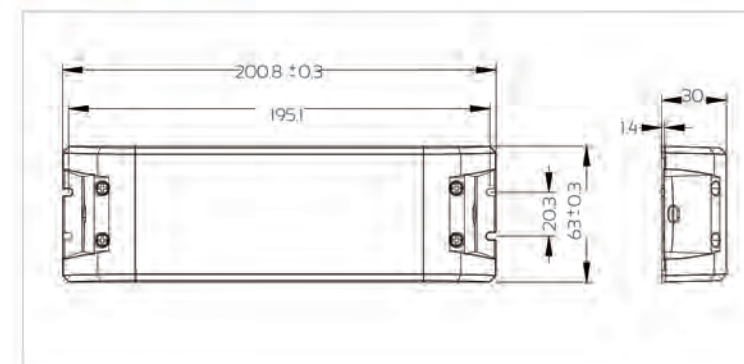


Reliable Technical Data

- Input Voltage Range: AC180-264VAC
 - Input Frequency: 50/60Hz
 - Output Power: 100W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
 - Over Heat Protection
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

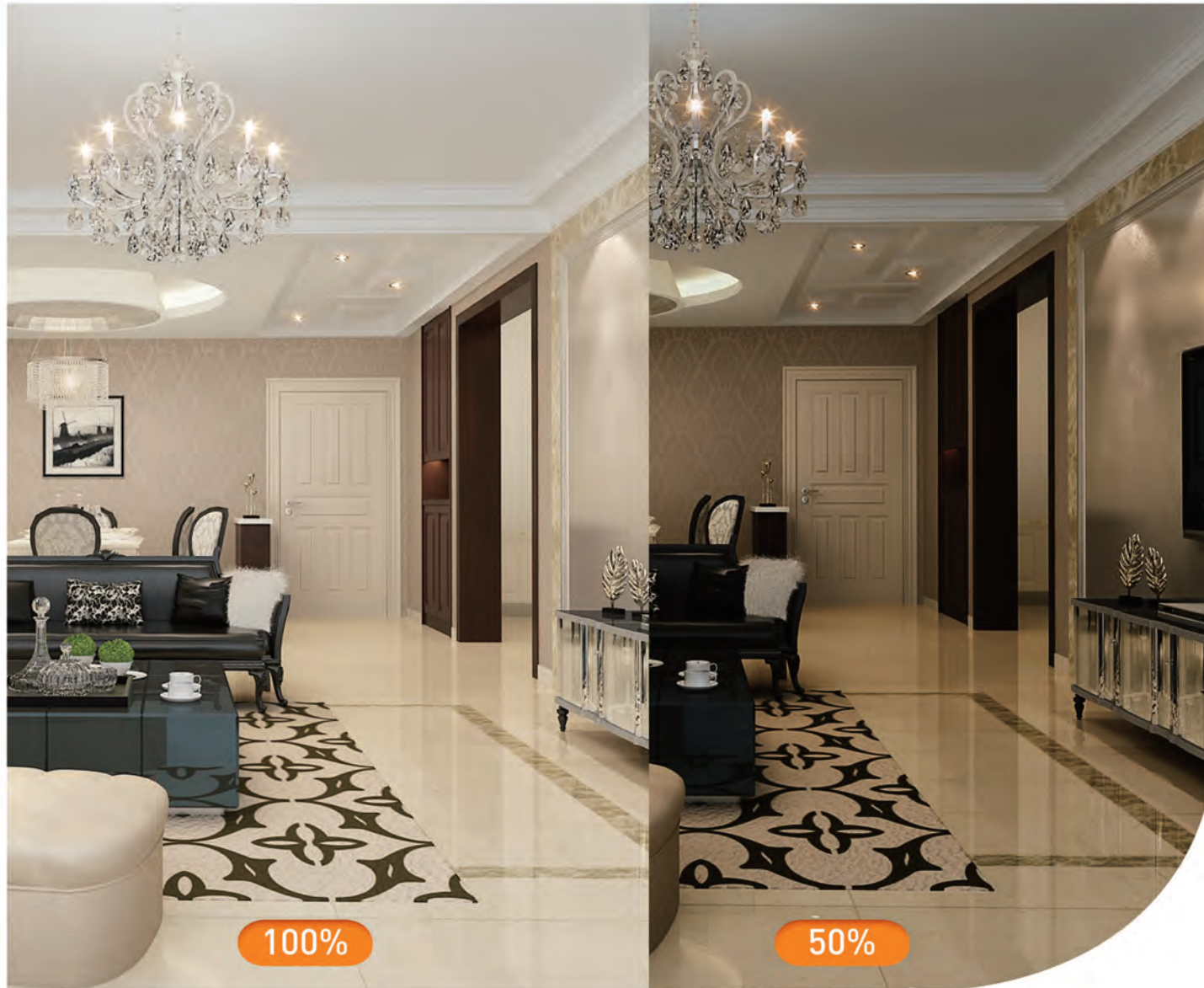
Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SP100-12VLT	12V	30-100W	8.33A	≥ 0.9	45°C	85°C	200.8x63x30
SP100-24VLT	24V	30-100W	4.16A	≥ 0.9	45°C	85°C	200.8x63x30

SELV



Triac & Push In One Series

Push In One Dimmable Series



Small size, Light weight, Easy to install and transportation

Open Circuit; Short Circuit; Over Load

Dimmable

SNP18-ILD

DIMMABLE

CC Version



0-10V dimming mode!

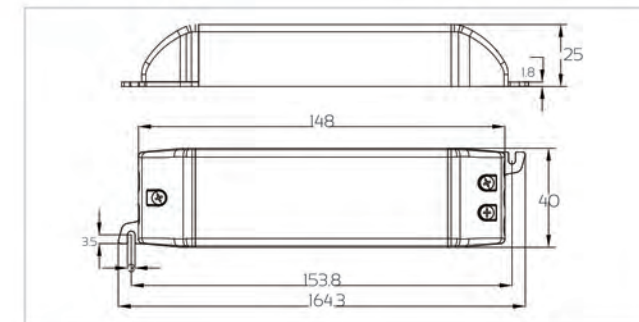
Reliable Technical Data

- Input Voltage Range: 90-132VAC
- Input Frequency: 60Hz
- Output Power: 18W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- UL 8750
- FCC PART15 ClassB



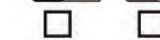
Dimension in mm



Characteristics

Input Voltage Range: AC90-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Output	Constant output current	Range	PF	Ta	Tc	L x W x H
SNP18-350ILD2(UL)	Output1	350mA	1-9W	≥0.9	40°C	80°C	164.3x40x25
	Output2	350mA	1-9W	≥0.9	40°C	80°C	164.3x40x25
SNP18-350ILD2-1(UL)	Output1	350mA	1-9W	≥0.9	40°C	80°C	164.3x40x25
	Output2	350mA	1-9W	≥0.9	40°C	80°C	164.3x40x25



SP30-IL(UE)-1

DIMMABLE

CC Version



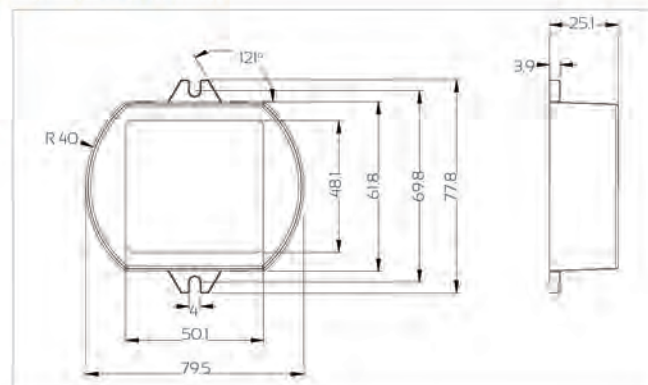
Combination of 1-10V, 0-10V, and PWM dimming modes!

Reliable Technical Data

- Input Voltage Range:90-305VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP30-350IL(UE)-1	350mA	15-30W	42.5-85.5VDC	≥0.9	60°C	90°C	77.8x79.5x25.1
SP30-700IL(UE)-1	700mA	15-30W	21-42.5VDC	≥0.9	60°C	90°C	77.8x79.5x25.1
SP30-950IL(UE)-1	950mA	15-30W	15.5-31.5VDC	≥0.9	60°C	90°C	77.8x79.5x25.1
SP30-1050IL(UE)-1	1050mA	15-30W	14-28.5VDC	≥0.9	60°C	90°C	77.8x79.5x25.1
SP30-1400IL(UE)-1	1400mA	15-30W	10.5-21VDC	≥0.9	60°C	90°C	77.8x79.5x25.1



SP75-IL(UE)

DIMMABLE

CC Version



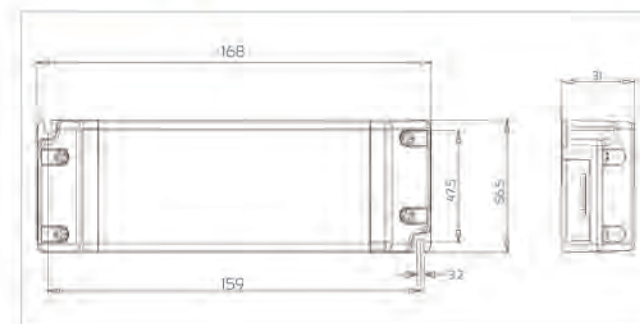
Combination of 1-10V, 0-10V, and PWM dimming modes!

Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

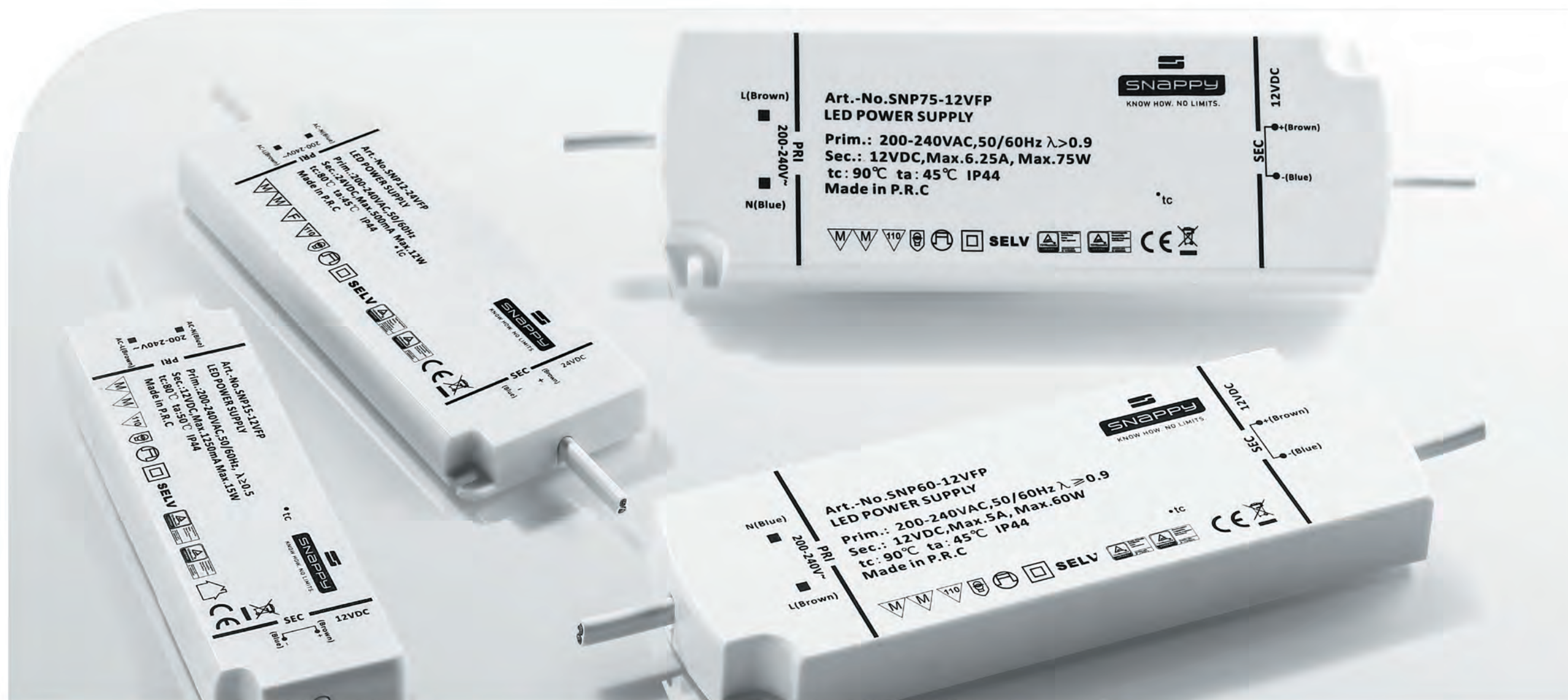
Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SP75-700IL(UE)	700mA	37.5-75W	53.5-107VDC	≥0.95	45°C	80°C	168x56.5x31
SP75-950IL(UE)	950mA	37.5-75W	39.5-79VDC	≥0.95	45°C	80°C	168x56.5x31
SP75-1050IL(UE)	1050mA	37.5-75W	36-72VDC	≥0.95	45°C	80°C	168x56.5x31
SP75-1400IL(UE)	1400mA	37.5-75W	27-54VDC	≥0.95	45°C	80°C	168x56.5x31
SP75-2100IL(UE)	2100mA	37.5-75W	18-36VDC	≥0.95	45°C	80°C	168x56.5x31



Regular & ♥ Super Slim Series

Super Slim Series



IP44 for mirror lighting application

Protection: Open Circuit; Short Circuit; Over Load

IP grade: IP44

SNP6-VFP/SNP6-IFP

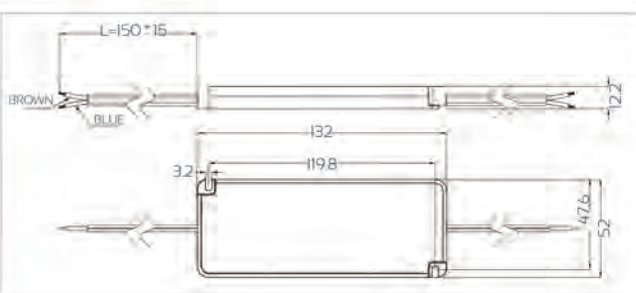


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:6W
 - Dimension:L132xW52xH12.2mm
 - Body: PC Body with Protection Grade IP44
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP6-12VFP	12V	0-6W	0.5A	≥0.5	45℃	80℃	132x52x12.2	IP44
SNP6-24VFP	24V	0-6W	0.25A	≥0.5	45℃	80℃	132x52x12.2	IP44

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP6-350IFP	350mA	0-6W	18.5V	≥0.5	45℃	80℃	132x52x12.2	IP44
SNP6-700IFP	700mA	0-6W	8.6V	≥0.5	45℃	80℃	132x52x12.2	IP44



SNP12-VFP/SNP12-IFP

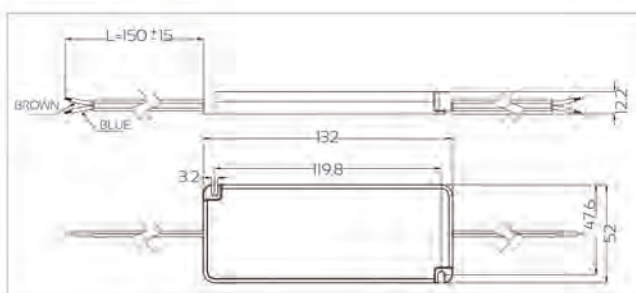


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:12W
 - Dimension:L132xW52xH12.2mm
 - Body: PC Body with Protection Grade IP44
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP12-12VFP	12V	0-12W	1.0A	≥0.5	45℃	80℃	132x52x12.2	IP44
SNP12-24VFP	24V	0-12W	0.5A	≥0.5	45℃	80℃	132x52x12.2	IP44

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP12-350IFP	350mA	0-12W	34.3V	≥0.5	45℃	80℃	132x52x12.2	IP44
SVP12-700IFP	700mA	0-12W	17.1V	≥0.5	45℃	80℃	132x52x12.2	IP44



SNP15-VFP/SNP15-IFP

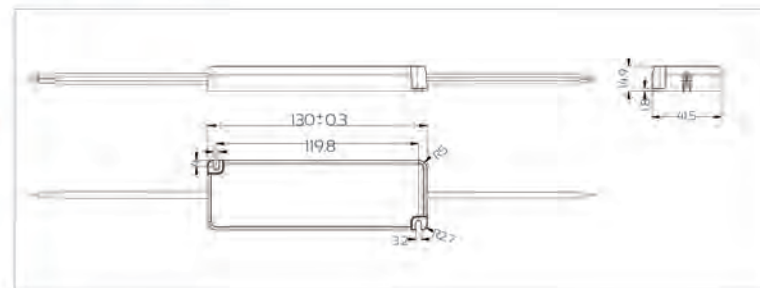


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Dimension:L130xW41.5xH14.9mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP15-12VFP	12V	0-15W	1.25A	≥0.5	50°C	80°C	130x41.5x14.9	IP44
SNP15-24VFP	24V	0-15W	0.625A	≥0.5	50°C	80°C	130x41.5x14.9	IP44

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP15-350IFP	350mA	7.5-15W	42.5V	≥0.5	50°C	80°C	130x41.5x14.9	IP44
SVP15-500IFP	500mA	7.5-15W	30V	≥0.5	50°C	80°C	130x41.5x14.9	IP44
SVP15-700IFP	700mA	7.35-15W	21.5V	≥0.5	50°C	80°C	130x41.5x14.9	IP44



SNP20-VFP



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:20W/30W
- Dimension:L127xW44xH14.5mm (SNP20-VFP)
L158xW51xH17.3mm (SNP20-VFP)
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



SNP30-VFP



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP20-12VFP	12V	0-20W	1.66A	≥0.5	45°C	80°C	127x44x14.5	IP44
SNP20-24VFP	24V	0-20W	0.83A	≥0.5	45°C	80°C	127x44x14.5	IP44
SNP30-12VFP	12V	0-30W	2.5A	≥0.9	45°C	85°C	158x51x17.3	IP44
SNP30-24VFP	24V	0-30W	1.25A	≥0.9	45°C	85°C	158x51x17.3	IP44



SNP60-VFP



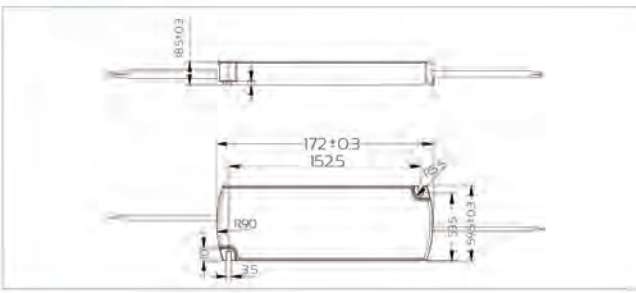
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W/75W
- Dimension:L172xW59.5xH18.5mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SNP75-VFP



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP60-12VFP	12V	0-60W	5.0A	≥0.9	45℃	80℃	172x59.5x18.5	IP44
SNP60-24VFP	24V	0-60W	2.5A	≥0.9	45℃	80℃	172x59.5x18.5	IP44
SNP75-12VFP	12V	0-75W	6.25A	≥0.9	45℃	80℃	172x59.5x18.5	IP44
SNP75-24VFP	24V	0-75W	3.12A	≥0.9	45℃	80℃	172x59.5x18.5	IP44



SNP100-VFP

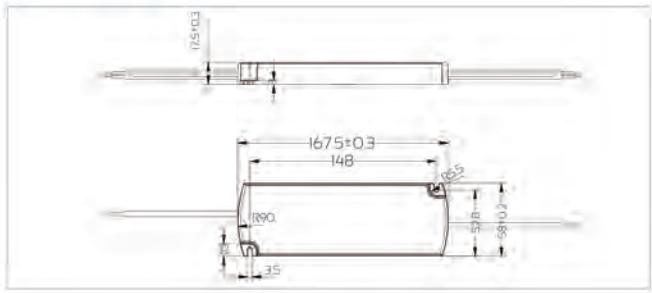


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Dimension:L167.5xW58xH17.5mm
- Body: PC Body with Protection Grade IP44
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Ta	Tc	L x W x H	IP
SNP100-12VFP	12V	0-100W	8.33A	≥0.9	45℃	80℃	167.5x58x17.5	IP44
SNP100-24VFP	24V	0-100W	4.16A	≥0.9	45℃	80℃	167.5x58x17.5	IP44



♥ Regular & Super Slim Series

IP20 Super Slim Series



Slim LED drivers with height of 10.7mm

SNP6-VF/SNP6-IF

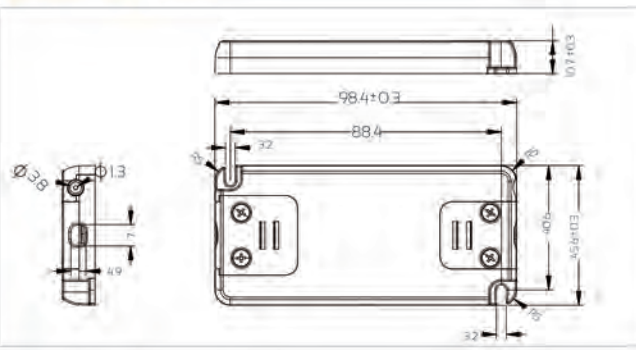


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:6W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



NEW direct plug-in feature

Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP6-12VF	12V	0-6W	0.5A	≥0.5	45℃	80℃	98.4x45.6x10.7
SNP6-24VF	24V	0-6W	0.25A	≥0.5	45℃	80℃	98.4x45.6x10.7

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP6-350IF	350mA	0-6W	17.5VDC	≥0.5	45℃	80℃	98.4x45.6x10.7
SNP6-500IF	500mA	0-6W	12VDC	≥0.5	45℃	80℃	98.4x45.6x10.7
SNP6-700IF	700mA	0-6W	9VDC	≥0.5	45℃	80℃	98.4x45.6x10.7



SNP12-VF-1

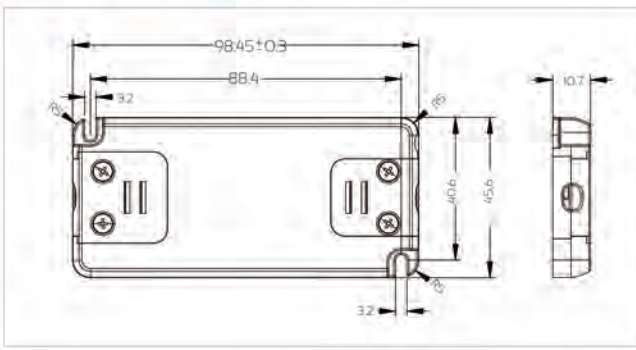


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:12W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP12-12VF-1	12V	0-12W	1.0A	≥0.5	45℃	85℃	98.4x45.6x10.7
SNP12-24VF-1	24V	0-12W	0.5A	≥0.5	45℃	85℃	98.4x45.6x10.7



♥ IP20 Super Slim Series

SNP15-VF/SNP15-IF
SNP15-IF-1

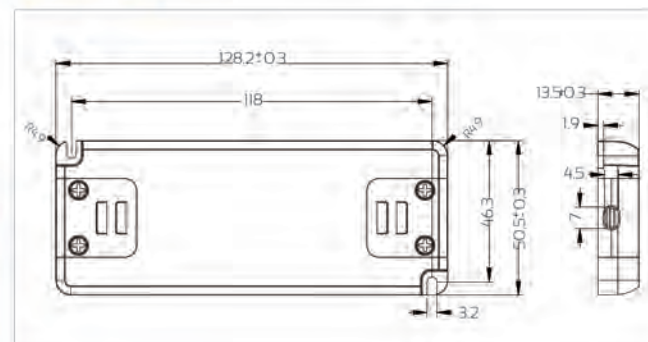


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm

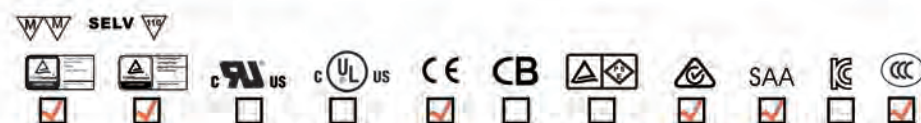


Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VF	12V	0-15W	1.25A	≥0.5	45°C	75°C	128.4x50.6x13.5
SNP15-24VF	24V	0-15W	0.625A	≥0.5	45°C	75°C	128.4x50.6x13.5

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP15-350IF	350mA	10.5-15W	30-43VDC	≥0.5	45°C	75°C	128.4x50.6x13.5
SNP15-500IF	500mA	10-15W	20-30VDC	≥0.5	45°C	75°C	128.4x50.6x13.5
SNP15-700IF	700mA	8.4-14.7W	12-21VDC	≥0.5	45°C	75°C	128.4x50.6x13.5
SNP15-350IF-1	350mA	7.35-14.7W	21-42VDC	≥0.5	45°C	75°C	128.4x50.6x13.5
SNP15-700IF-1	700mA	7.35-14.7W	10.5-21VDC	≥0.5	45°C	75°C	128.4x50.6x13.5



SNP15-VF-1

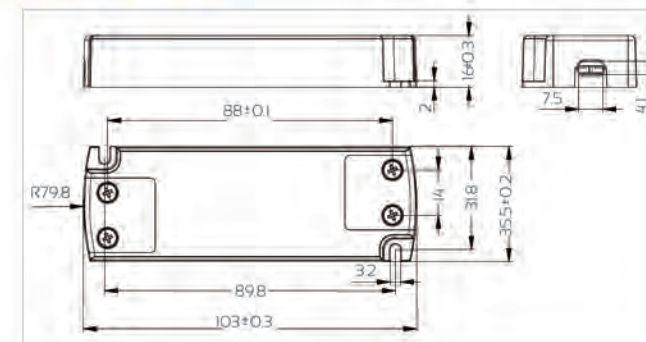


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VF-1	12V	0-15W	1.25A	≥0.5	45°C	80°C	103x35.5x16
SNP15-24VF-1	24V	0-15W	0.625A	≥0.5	45°C	80°C	103x35.5x16



SNP20-VF/SNP20-IF

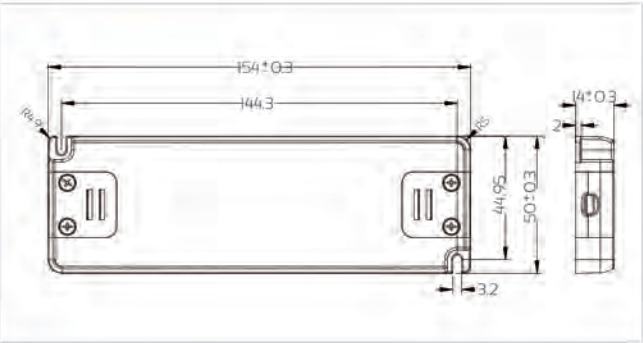


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:20W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP20-12VF	12V	0-20W	1.67A	≥0.5	45℃	80℃	154x50x14
SNP20-24VF	24V	0-20W	0.84A	≥0.5	45℃	80℃	154x50x14

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP20-350IF	350mA	10.5-19.6W	56VDC	≥0.5	45℃	80℃	154x50x14
SNP20-500IF	500mA	11-20W	40VDC	≥0.5	45℃	80℃	154x50x14
SNP20-700IF	700mA	9.8-20.3W	29VDC	≥0.5	45℃	80℃	154x50x14



SNP20-VF-E

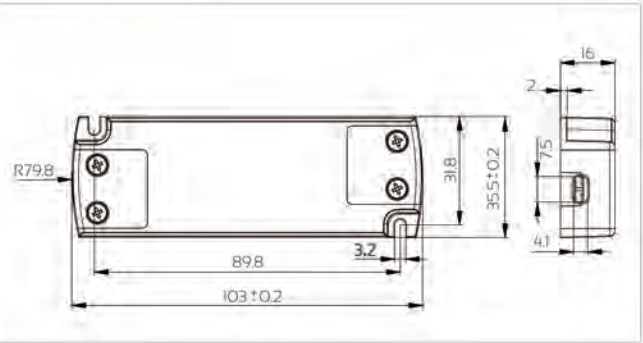


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:20W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



This item can't work with dimming units

Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP20-12VF-E	12V	0-20W	1.67A	≥0.5	45℃	80℃	103x35x16
SNP20-24VF-E	24V	0-20W	0.84A	≥0.5	45℃	80℃	103x35x16



SNP30-VF-3

CV Version



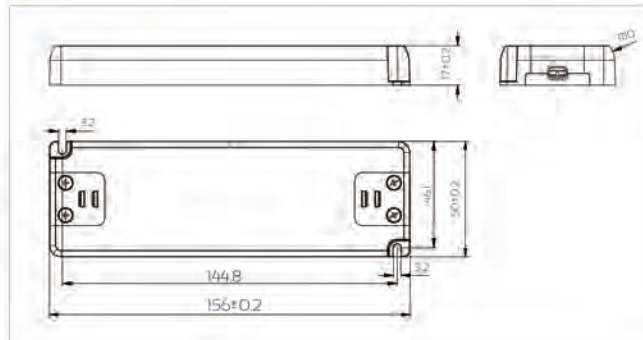
Super thin 17 mm
Thickness only

Reliable Technical Data

- Input Voltage Range: 180-264VAC
- Input Frequency: 50/60Hz
- Output Power: 30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VF-3	12V	0-30W	2.5A	≥0.9	45°C	85°C	156x50x17
SNP30-24VF-3	24V	0-30W	1.25A	≥0.9	45°C	85°C	156x50x17



SNP40-VF/SNP40-IF

CV/CC Version



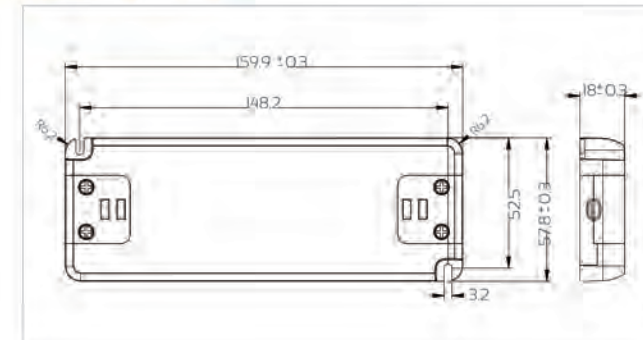
Super thin 18 mm
Thickness only

Reliable Technical Data

- Input Voltage Range: 180-264VAC
- Input Frequency: 50/60Hz
- Output Power: 40W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP40-12VF	12V	0-40W	3.333A	≥0.9	45°C	80°C	159.9x57.8x18
SNP40-24VF	24V	0-40W	1.667A	≥0.9	45°C	80°C	159.9x57.8x18

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP40-500IF	500mA	20-40W	80VDC	≥0.9	45°C	80°C	159.9x57.8x18
SNP40-700IF	700mA	20-40W	57VDC	≥0.9	45°C	80°C	159.9x57.8x18
SNP40-1050IF	1050mA	20-40W	38VDC	≥0.9	45°C	80°C	159.9x57.8x18
SNP40-1400IF	1400mA	19.6-40W	29VDC	≥0.9	45°C	80°C	159.9x57.8x18
SNP40-2100IF	2100mA	21-40W	19VDC	≥0.9	45°C	80°C	159.9x57.8x18



SNP50-VF-1

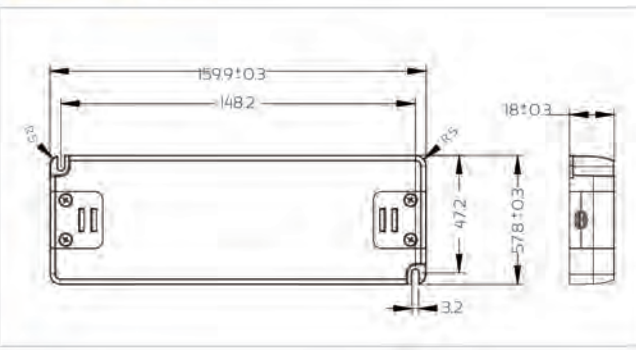


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:50W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
 - Over Heat Protection
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP50-12VF-1 (Hiccup)	12V	0-50W	4.2A	≥0.9	45℃	85℃	159.9x57.8x18
SNP50-24VF-1 (Hiccup)	24V	0-50W	2.08A	≥0.9	45℃	85℃	159.9x57.8x18



SNP60-VF/SNP60-IF/SNP60-VF-2

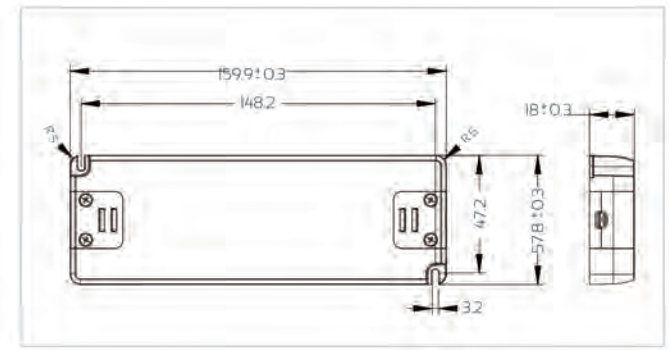
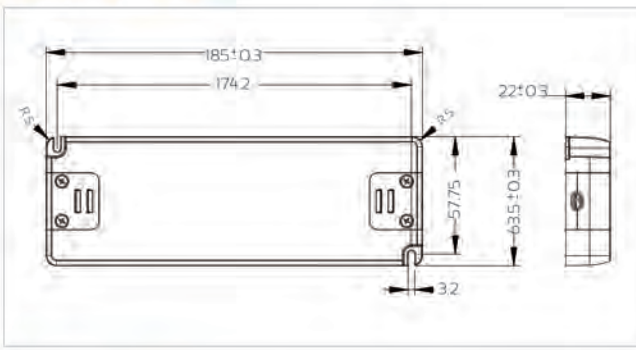


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:60W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
 - Over Heat Protection
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP60-12VF	12V	0-60W	5.0A	≥0.9	45℃	85℃	185x63.5x22
SNP60-24VF	24V	0-60W	2.5A	≥0.9	45℃	85℃	185x63.5x22
SNP60-12VF-2	12V	0-60W	5.0A	≥0.9	45℃	90℃	160x57.8x18
SNP60-24VF-2	24V	0-60W	2.5A	≥0.9	45℃	90℃	160x57.8x18

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP60-500IF	500mA	30-60W	120VDC	≥0.9	45℃	85℃	185x63.5x22
SNP60-700IF	700mA	30-60W	86VDC	≥0.9	45℃	85℃	185x63.5x22
SNP60-1050IF	1050mA	30-60W	57VDC	≥0.9	45℃	85℃	185x63.5x22
SNP60-1400IF	1400mA	30-60W	42.5VDC	≥0.9	45℃	85℃	185x63.5x22
SNP60-2100IF	2100mA	30-60W	28.5VDC	≥0.9	45℃	85℃	185x63.5x22



SNP75-VF



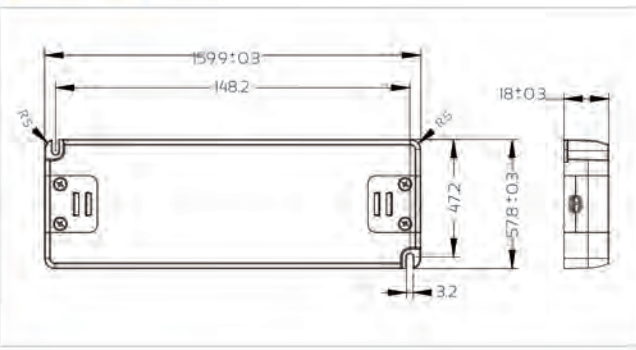
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Super thin 18 mm
Thickness only

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP75-12VF	12V	0-75W	6.25A	≥0.9	45°C	85°C	159.9x57.8x18
SNP75-24VF	24V	0-75W	3.125A	≥0.9	45°C	85°C	159.9x57.8x18



SNP100-VF



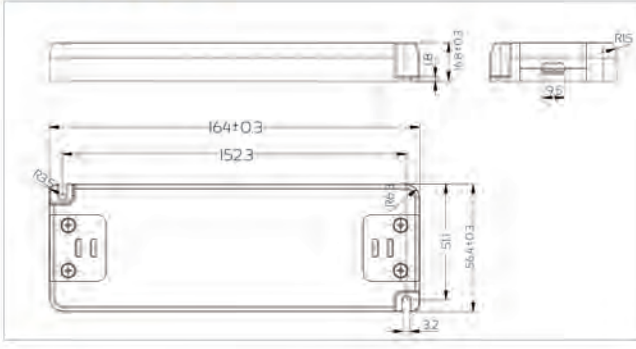
Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Super thin 17 mm
Thickness only

Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VF	12V	0-100W	8.33A	≥0.9	45°C	90°C	164x56.4x16.8
SNP100-24VF	24V	0-100W	4.17A	≥0.9	45°C	90°C	164x56.4x16.8



SNP150-VF

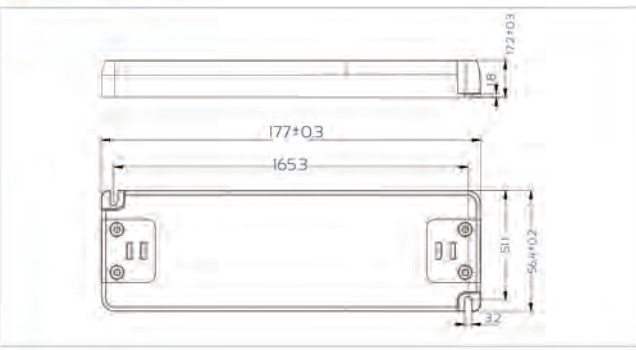


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP150-12VF	12V	0-132W	11A	≥0.9	45°C	90°C	177x56.4x17.2
SNP150-24VF	24V	0-150W	6.25A	≥0.9	45°C	90°C	177x56.4x17.2



IP20 Regular Series



Open Circuit; Short Circuit; Over Load; Over Heat Protection

High power with plastic case and terminal block

SNP8-VL/SNP8-IL/SNP8-VL-1/SNP8-IL-1

CV/CC Version

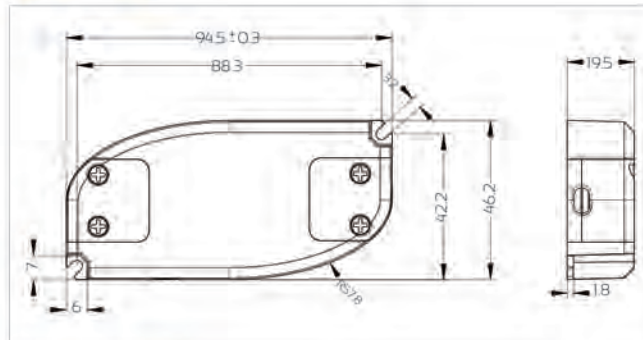


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:8W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

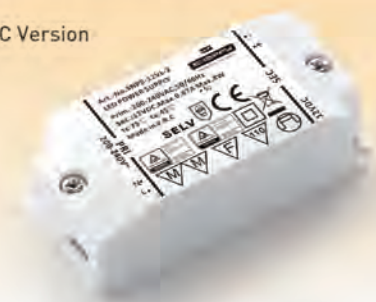
Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP8-12VL	12V	0-8W	0.67A	≥0.8	45°C	75°C	94.5x46.2x19.5
SNP8-24VL	24V	0-8W	0.33A	≥0.8	45°C	75°C	94.5x46.2x19.5
SNP8-12VL-1	12V	0-8W	0.67A	≥0.5	45°C	75°C	94.5x46.2x19.5
SNP8-24VL-1	24V	0-8W	0.33A	≥0.5	45°C	75°C	94.5x46.2x19.5

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP8-350IL	350mA	4.2-8.4W	12-24VDC	≥0.8	45°C	75°C	94.5x46.2x19.5
SNP8-500IL	500mA	4-8W	8-16VDC	≥0.8	45°C	75°C	94.5x46.2x19.5
SNP8-700IL	700mA	4.2-8.4W	6-12VDC	≥0.8	45°C	75°C	94.5x46.2x19.5
SNP8-350IL-1	350mA	4.2-8.4W	12-24VDC	≥0.5	45°C	75°C	94.5x46.2x19.5
SNP8-500IL-1	500mA	4-8W	8-16VDC	≥0.5	45°C	75°C	94.5x46.2x19.5
SNP8-700IL-1	700mA	4.2-8.4W	6-12VDC	≥0.5	45°C	75°C	94.5x46.2x19.5



SNP8-VL-2/SNP8-IL-2

CV/CC Version

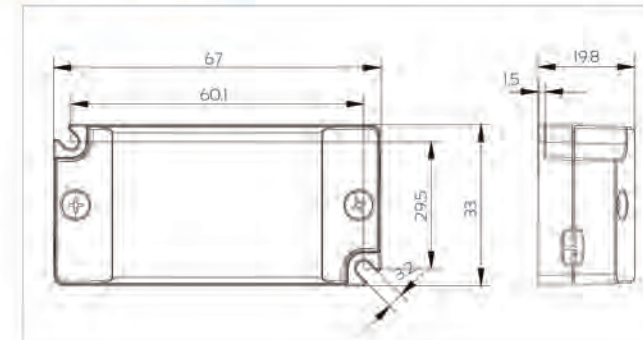


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:8W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP8-12VL-2	12V	0-8W	0.67A	≥0.5	45°C	75°C	67x33x19.8
SNP8-24VL-2	24V	0-8W	0.33A	≥0.5	45°C	75°C	67x33x19.8

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP8-350IL-2	350mA	2-8W	5.7-22.5VDC	≥0.5	45°C	75°C	67x33x19.8
SNP8-500IL-2	500mA	2-8W	4-16VDC	≥0.5	45°C	75°C	67x33x19.8
SNP8-700IL-2	700mA	2-8W	3-11.5VDC	≥0.5	45°C	75°C	67x33x19.8



SNP15-VL/SNP15-IL/SNP15-IL-1

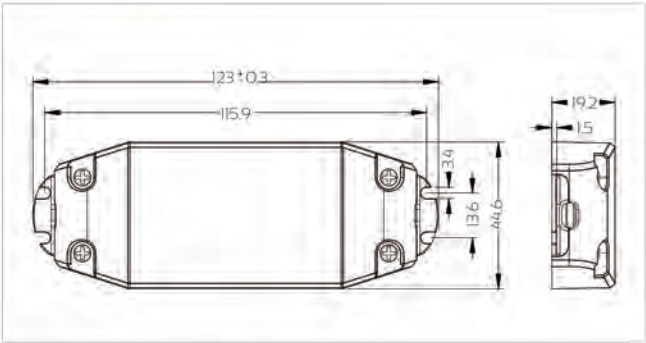


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm

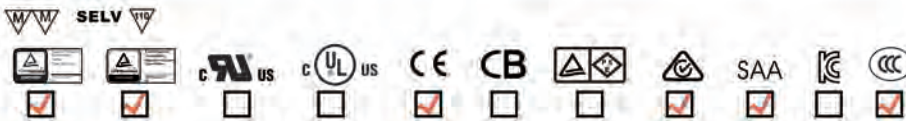


Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VL	12V	0-15W	1.25A	≥0.5	45℃	80℃	123x44.6x19.2
SNP15-24VL	24V	0-15W	0.625A	≥0.5	45℃	80℃	123x44.6x19.2

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP15-350IL	350mA	10.5-15W	30-42VDC	≥0.5	45℃	80℃	123x44.6x19.2
SNP15-700IL	700mA	10.5-15W	15-21VDC	≥0.5	45℃	80℃	123x44.6x19.2
SNP15-350IL-1	350mA	7.5-15W	21-42VDC	≥0.5	45℃	80℃	123x44.6x19.2
SNP15-500IL-1	500mA	7.5-15W	15-30VDC	≥0.5	45℃	80℃	123x44.6x19.2
SNP15-700IL-1	700mA	7.5-15W	10.5-21VDC	≥0.5	45℃	80℃	123x44.6x19.2



SNP30-VL-1

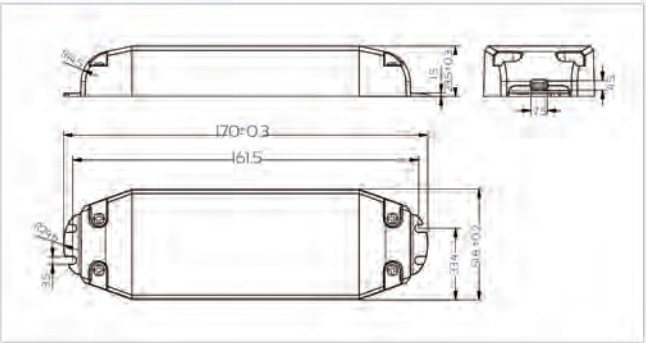


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VL-1	12V	0-30W	2.5A	≥0.9	45℃	80℃	170x51.8x23.5
SNP30-24VL-1	24V	0-30W	1.25A	≥0.9	45℃	80℃	170x51.8x23.5



SE30-VL

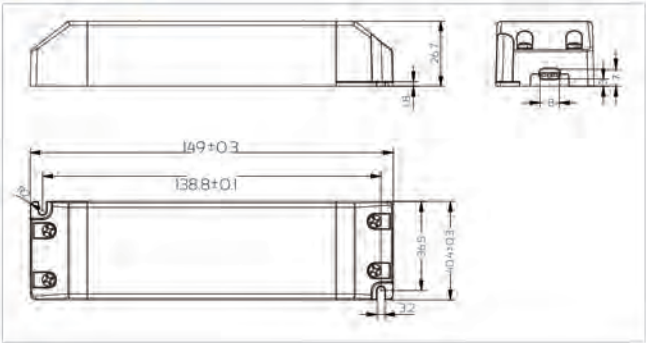


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SE30-12VL	12V	0-30W	2.5A	≥0.9	45℃	80℃	149x40.4x26.7
SE30-24VL	24V	0-30W	1.25A	≥0.9	45℃	80℃	149x40.4x26.7



SE60-VL

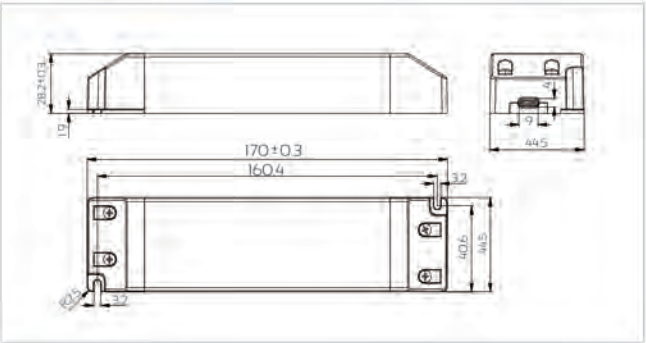


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SE60-12VL	12V	0-60W	5.0A	>0.9	45℃	90℃	170x44.5x28.2
SE60-24VL	24V	0-60W	2.5A	>0.9	45℃	90℃	170x44.5x28.2



SNP75-VL-E

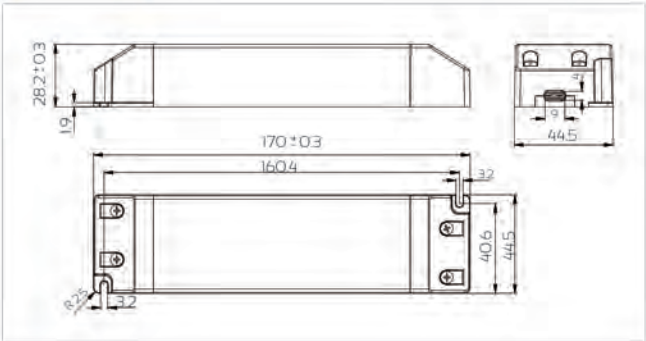


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz [power factor measured at AC230V and full load]

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP75-12VL-E	12V	0-70W	5.83A	>0.9	45℃	85℃	170x44.5x28.2
SNP75-24VL-E	24V	0-75W	3.13A	>0.9	45℃	85℃	170x44.5x28.2



SE100-VL



Reliable Technical Data

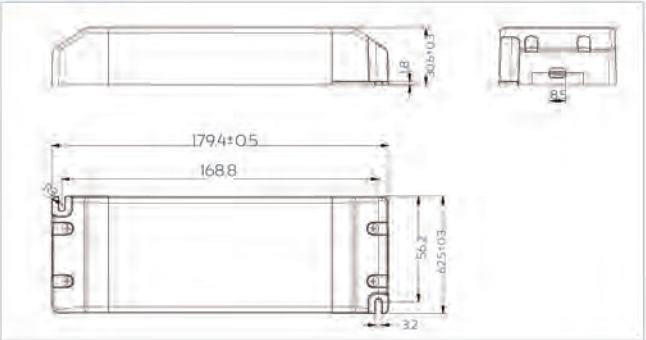
- Input Voltage Range:198-264VAC
- Input Frequency:50/60Hz
- Output Power:100W/150W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



SE150-VL



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SE100-12VL	12V	0-100W	8.33A	≥0.9	45℃	90℃	179.4x62.5x30.6
SE100-24VL	24V	0-100W	4.17A	≥0.9	45℃	90℃	179.4x62.5x30.6
SE150-12VL	12V	0-132W	11A	≥0.9	45℃	90℃	179.4x62.5x30.6
SE150-24VL	24V	0-150W	6.25A	≥0.9	45℃	90℃	179.4x62.5x30.6



SNP200-VL

CV Version



Reliable Technical Data

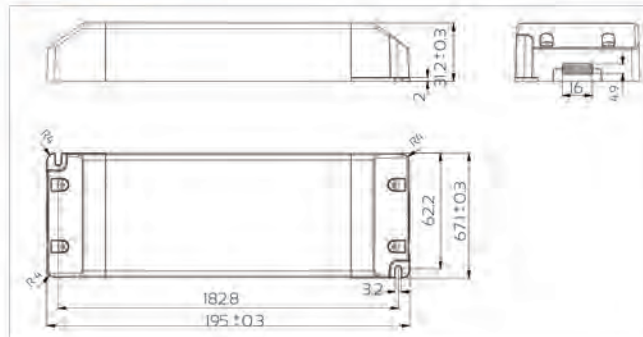
- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:200W/250W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012

SNP250-VL

CV Version



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz [power factor measured at AC230V and full load]

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP200-12VL	12V	0-180W	15A	≥0.9	45°C	80°C	195x67.1x31.2
SNP200-24VL	24V	0-200W	8.33A	≥0.9	45°C	80°C	195x67.1x31.2
SNP250-12VL	12V	0-216W	18A	≥0.9	45°C	90°C	195x67.1x31.2
SNP250-24VL	24V	0-250W	10.4A	≥0.9	45°C	90°C	195x67.1x31.2



SNP320-VL

CV Version

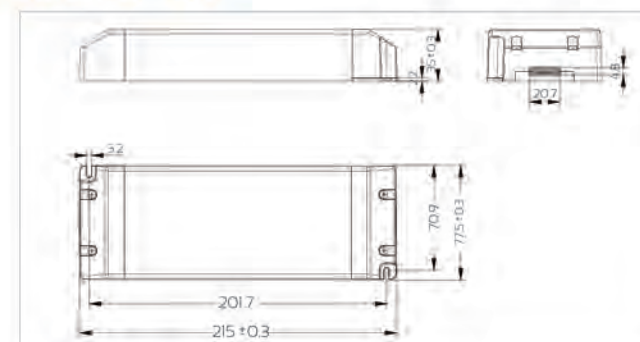


Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:320W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP320-12VL	12V	0-260W	21.7A	≥0.9	45°C	85°C	215x77.5x35
SNP320-24VL	24V	0-320W	13.3A	≥0.9	45°C	85°C	215x77.5x35



Regular & Super Slim Series

UE Series



Open Circuit; Short Circuit; Over Load; Over Heat Protection

High power with plastic case and terminal block

SNP6-VF(UE)/SNP6-IF(UE)/
SNP6-IF(UE)-1



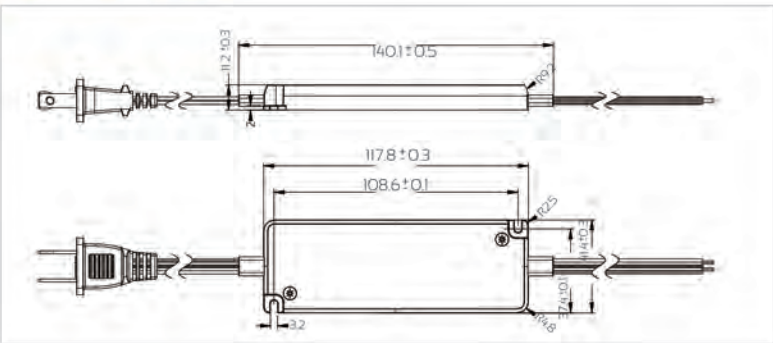
Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:6W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Safety According to EN61347-1, EN61347-2-13, UL8750
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP6-12VF(UE)	12V	0-6W	0.5A	≥0.45	50℃	75℃	117.8x41.5x11.2
SNP6-24VF(UE)	24V	0-6W	0.25A	≥0.45	50℃	75℃	117.8x41.5x11.2

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP6-350IF(UE)	350mA	0.5-6W	1.4-17.2VDC	≥0.45	50℃	80℃	117.8x41.5x11.2
SNP6-500IF(UE)	500mA	0.5-6W	1-12VDC	≥0.45	50℃	80℃	117.8x41.5x11.2
SNP6-700IF(UE)	700mA	0.5-6W	0.7-8.6VDC	≥0.45	50℃	80℃	117.8x41.5x11.2
SNP6-350IF(UE)-1	350mA	2.5-6W	7-17VDC	≥0.45	50℃	75℃	117.8x41.5x11.2
SNP6-500IF(UE)-1	500mA	2.5-6W	5-12VDC	≥0.45	50℃	75℃	117.8x41.5x11.2
SNP6-700IF(UE)-1	700mA	2.5-6W	3-9VDC	≥0.45	50℃	75℃	117.8x41.5x11.2



SNP40-VF(UE)

CV Version

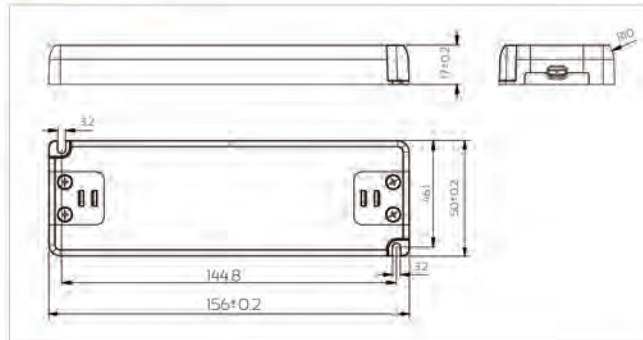


Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:40W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP40-12VF(UE)	12V	0-40W	3.33A	≥0.9	50°C	85°C	156x50x17
SNP40-24VF(UE)	24V	0-40W	1.67A	≥0.9	50°C	85°C	156x50x17



SNP50-VF(UE)

CV Version



Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:50W/60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB

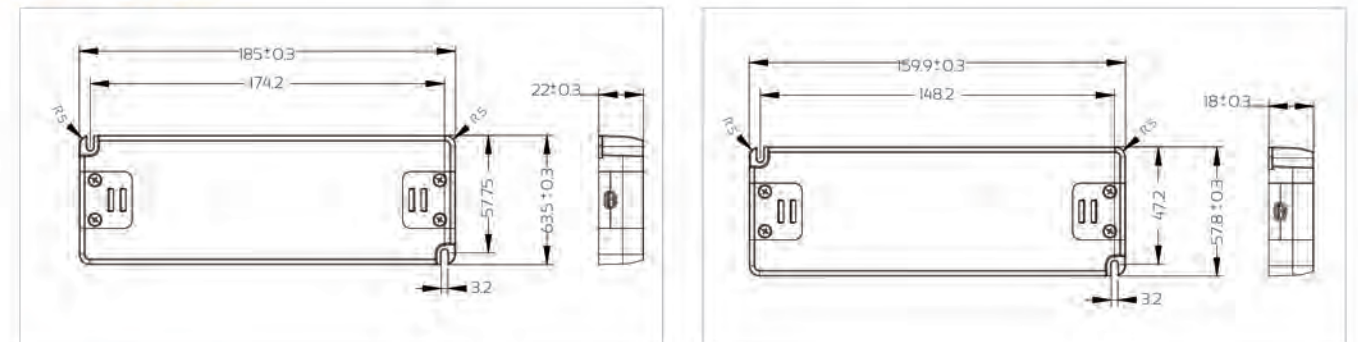


SNP60-VF(UE)

CV Version



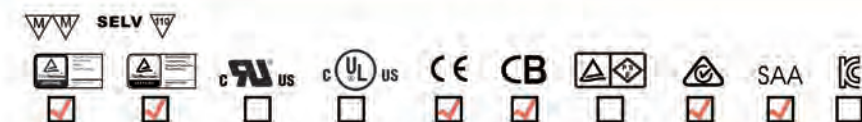
Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP50-12VF(UE)	12V	0-50W	4.17A	≥0.9	50°C	80°C	185x63.5x22
SNP50-24VF(UE)	24V	0-50W	2.08A	≥0.9	50°C	80°C	185x63.5x22
SNP60-12VF(UE)	12V	0-60W	5.0A	≥0.9	50°C	90°C	159.9x57.8x18
SNP60-24VF(UE)	24V	0-60W	2.5A	≥0.9	50°C	90°C	159.9x57.8x18



SNP75-VL(UE)/SNP75-IL(UE)

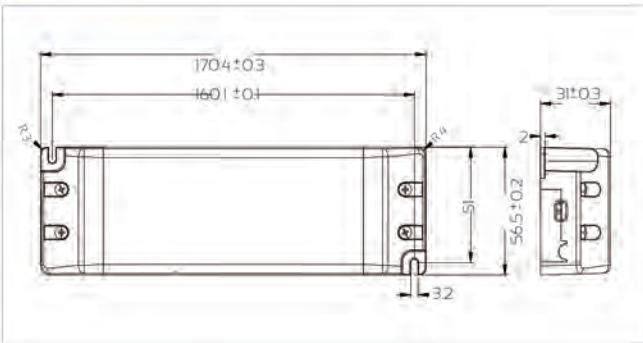


Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:75W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP75-12VL(UE)	12V	0-75W	6.25A	≥0.9	45℃	80℃	170.4x56.5x31.2
SNP75-24VL(UE)	24V	0-75W	3.12A	≥0.9	45℃	80℃	170.4x56.5x31.2

Model No.	Constant output current	Load	Output voltage range	PF	Ta	Tc	L x W x H
SNP75-700IL(UE)	700mA	37.5-75W	53.5-107VDC	≥0.9	45℃	80℃	170.4x56.5x31.2
SNP75-950IL(UE)	950mA	37.5-75W	39.5-79VDC	≥0.9	45℃	80℃	170.4x56.5x31.2
SNP75-1050IL(UE)	1050mA	37.5-75W	36-72VDC	≥0.9	45℃	80℃	170.4x56.5x31.2
SNP75-1400IF(UE)	1400mA	37.5-75W	27-54VDC	≥0.9	45℃	80℃	170.4x56.5x31.2
SNP75-2100IF(UE)	2100mA	37.5-75W	18-36VDC	≥0.9	45℃	80℃	170.4x56.5x31.2



SNP100-VL(UE)

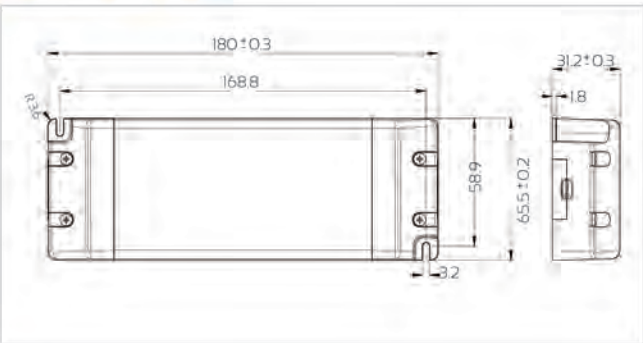


Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VL(UE)	12V	0-100W	8.33A	≥0.9	45℃	80℃	180x65.5x31.2
SNP100-24VL(UE)	24V	0-100W	4.16A	≥0.9	45℃	80℃	180x65.5x31.2
SNP100-36VL(UE)	36V	0-100W	2.77A	≥0.9	45℃	80℃	180x65.5x31.2



Plug-in Series



Low ripple ensures the security and stability of LEDs
improves LED lighting effect, reduces optical decay.

Protection: Open Circuit; Short Circuit; Over Load

SNP8-VLW/SNP8-ILW

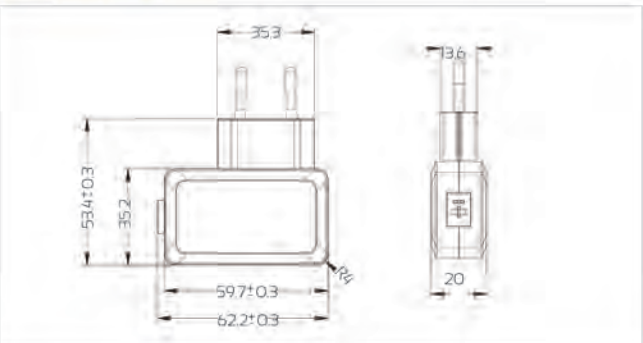


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:8W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP8-12VLW	12V	0-8W	0.67A	≥0.8	40℃	75℃	62.2x53.4x20
SNP8-24VLW	24V	0-8W	0.33A	≥0.8	40℃	75℃	62.2x53.4x20

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP8-350ILW	350mA	3-8W	22.5VDC	≥0.8	40℃	75℃	62.2x53.4x20
SNP8-500ILW	500mA	3-8W	16VDC	≥0.8	40℃	75℃	62.2x53.4x20
SNP8-700ILW	700mA	3-8W	11.5VDC	≥0.8	40℃	75℃	62.2x53.4x20



SNP12-VLW/SNP12-ILW

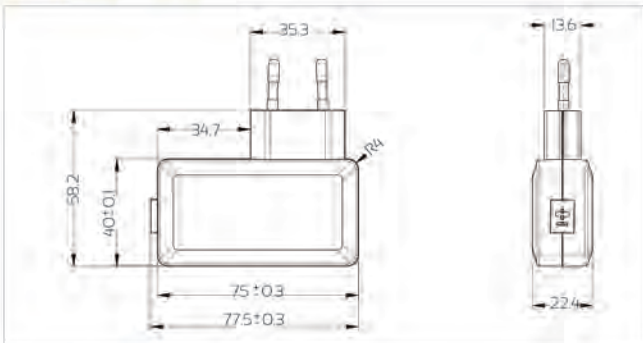


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:12W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP12-12VLW	12V	0-12W	1.0A	≥0.7	40℃	75℃	77.5x58.2x22.4
SNP12-24VLW	24V	0-12W	0.5A	≥0.7	40℃	75℃	77.5x58.2x22.4

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP12-350ILW	350mA	6-12W	34.5VDC	≥0.7	40℃	75℃	77.5x58.2x22.4
SNP12-500ILW	500mA	6-12W	24VDC	≥0.7	40℃	75℃	77.5x58.2x22.4
SNP12-700ILW	700mA	6-12W	17.5VDC	≥0.7	40℃	75℃	77.5x58.2x22.4



SNP15-VLW/SNP15-ILW

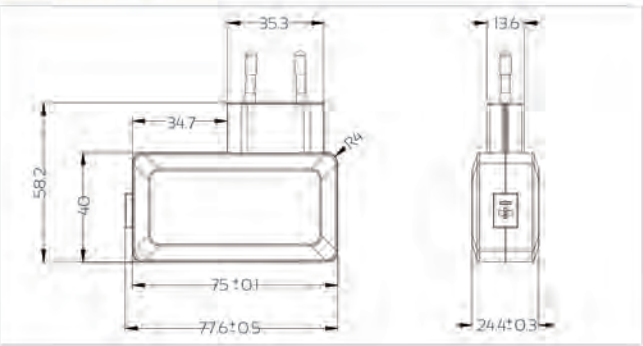


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:15W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VLW	12V	0-15W	1.25A	≥0.7	45℃	80℃	77.6x58.2x24.4
SNP15-24VLW	24V	0-15W	0.625A	≥0.7	45℃	80℃	77.6x58.2x24.4

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP15-350ILW	350mA	6-15W	43VDC	≥0.7	40℃	80℃	77.6x58.2x24.4
SNP15-500ILW	500mA	6-15W	30VDC	≥0.7	40℃	80℃	77.6x58.2x24.4
SNP15-700ILW	700mA	6-15W	22VDC	≥0.7	40℃	80℃	77.6x58.2x24.4



SNP24-VLW/SNP24-ILW

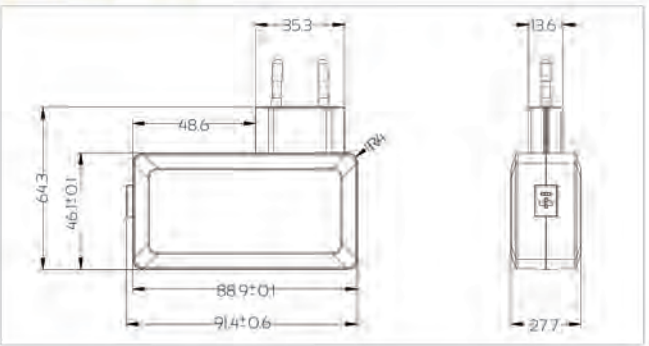


Reliable Technical Data

- Input Voltage Range:180-264VAC
 - Input Frequency:50/60Hz
 - Output Power:24W
 - Body: PC
 - Open Circuit; Short Circuit; Over Load;
-
- Safety According to EN61347-1, EN61347-2-13
 - EMI According to EN55015
 - EMS According to EN61000-3-2; EN61000-3-3; EN61547
 - EMF According to EN62493
 - ERP According to EN1194-2012



Dimension in mm



Characteristics

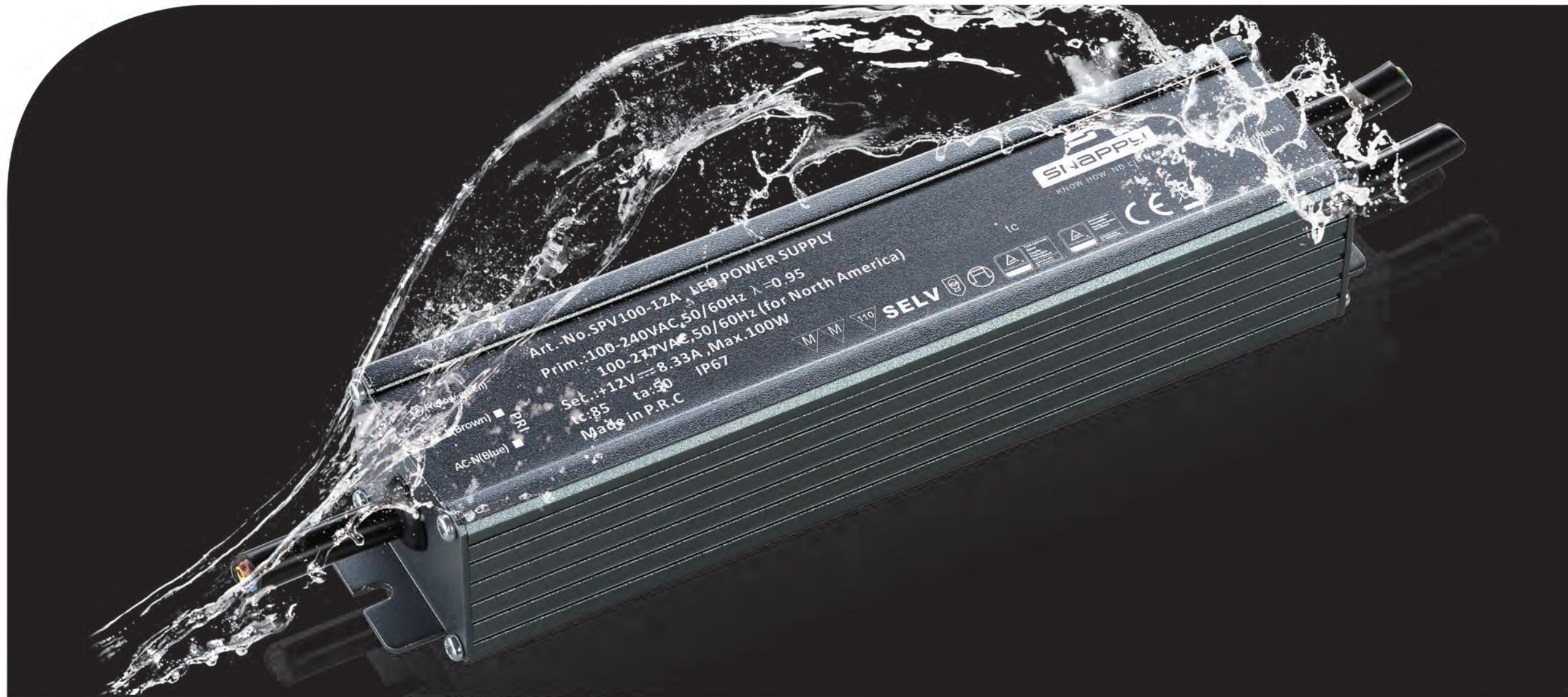
Input Voltage Range: AC180-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP24-12VLW	12V	0-24W	2A	≥0.9	45℃	80℃	91.4x64.3x27.7
SNP24-24VLW	24V	0-24W	1A	≥0.9	45℃	80℃	91.4x64.3x27.7

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP24-350ILW	350mA	11.9-23.8W	68VDC	≥0.9	45℃	80℃	91.4x64.3x27.7
SNP24-500ILW	500mA	12-24W	48VDC	≥0.9	45℃	80℃	91.4x64.3x27.7
SNP24-700ILW	700mA	11.9-24.5W	35VDC	≥0.9	45℃	80℃	91.4x64.3x27.7



 Special LED Power Supply
Outdoor SPV Series



B-type, 0-10V 1-10V and PWM Dimmable drivers

Protection: Open Circuit; Short Circuit; Over Load; Over heat

Metal case with protection grade IP67



SPV100-A

CV Version



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications
- A series: Constant voltage output
- B series: 0-10Vdc, 1-10Vdc, PWM dimming, constant voltage output
- Compliance to worldwide safety regulation for led lightings

SPV100-B

DIMMABLE

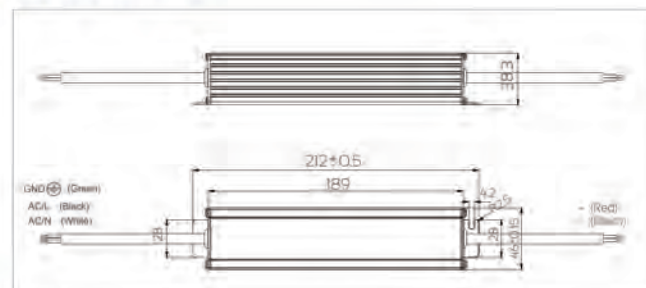
CV Version



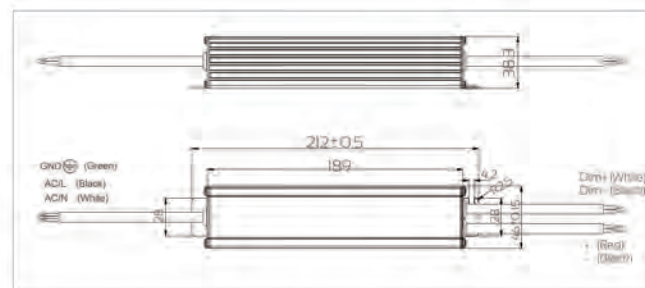
- Safety standards to EN61347-1, EN61347-2-13, UL8750
- Withstand voltage to I/P: -O/P: 5.3KV DC 1 minute
- Isolation resistance to I/P: -O/P, I/P-FG: 50M Ohm / 500VDC / 25°C / 70%RH
- EMC emission to EN55015, FCC PART15 ClassB
- EMC immunity to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55024; EN61547
- Harmonic current to EN61000-3-2 CLASS C (100% load)



Dimension in mm



SPV100-A



SPV100-B

Characteristics

Input Voltage Range: AC90-305V 50/60Hz (power factor measured at AC230V and full load)

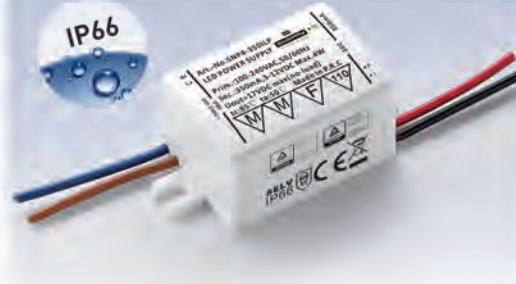
Model No.	DC voltage	Load	PF	Ta	Tc	Efficiency	L x W x H	IP
SPV100-12A/B	12V	0-100W	≥0.95	50°C	85°C	88%	212x46x38.3	IP67
SPV100-24A/B	24V	0-100W	≥0.98	50°C	85°C	90%	212x46x38.3	IP67



SNP4-ILP

LED set
Class 2 & SELV Output

CC Version

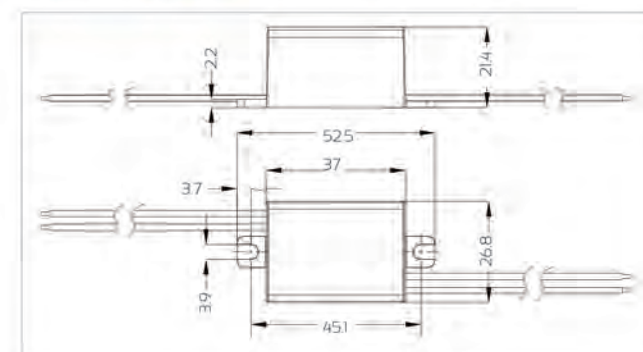


Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:4W
- Dimension:L52.5xW26.8xH21.4mm
- Body: PC with Protection Grade IP66
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



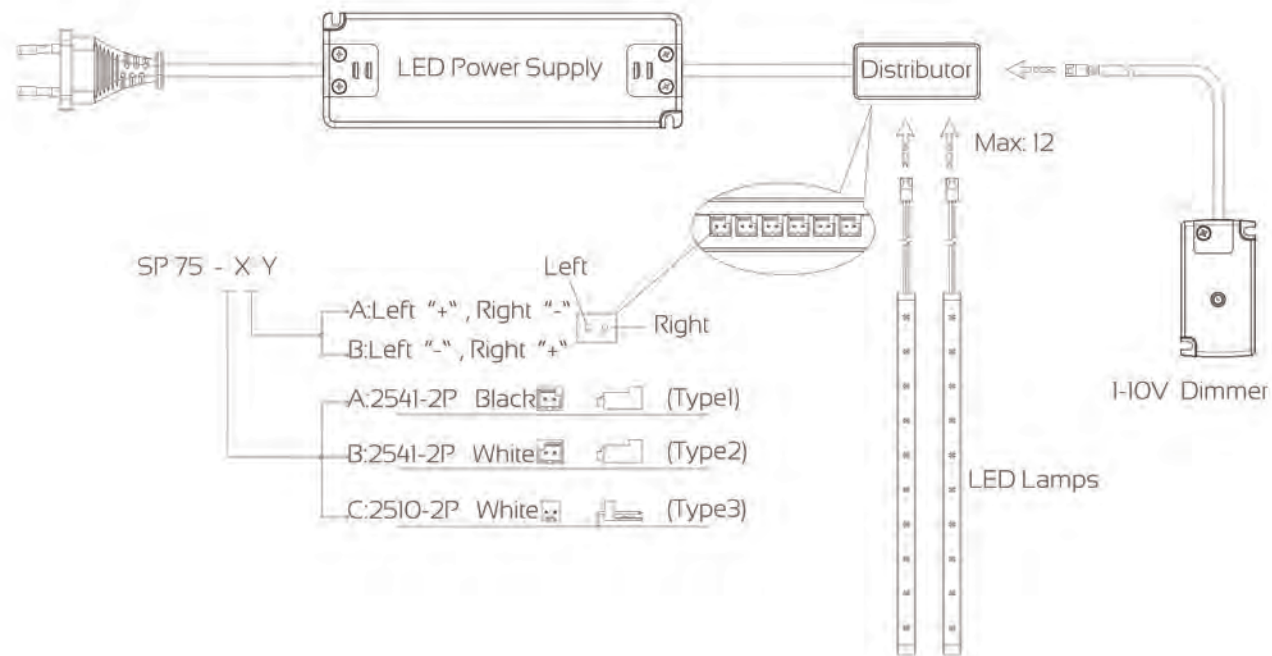
Characteristics

Input Voltage Range: AC90-264V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output current	Load	Max output Voltage	PF	Ta	Tc	L x W x H	IP
SNP4-350ILP	350mA	1-4W	12VDC	≥0.4	50°C	85°C	52.5x26.8x21.4	IP66
SNP4-500ILP	500mA	1.5-4W	9.5VDC	≥0.4	50°C	85°C	52.5x26.8x21.4	IP66
SNP4-700ILP	700mA	2-4W	6VDC	≥0.4	50°C	85°C	52.5x26.8x21.4	IP66



Dimming Moudules



Practical Application



10%



50%



100%



SP75-AA,-AB-BA-BB-CA-CB

DIMMABLE

CV Version

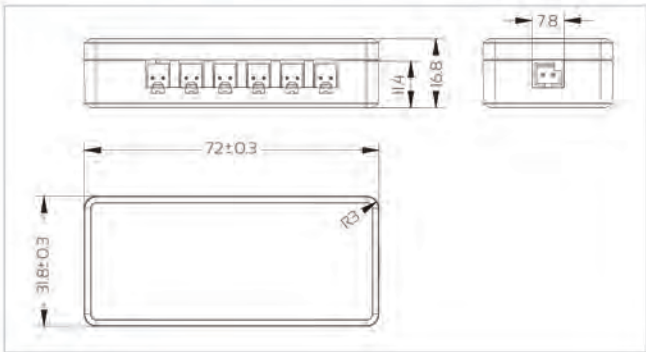


Reliable Technical Data

- Rated Input Voltage: 12-24VDC
- Input Frequency: 50/60Hz
- Dimension: L71xW31.8xH16.8mm
- Body: PC



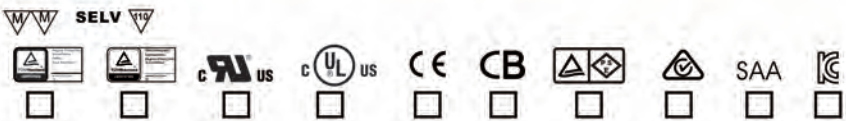
Dimension in mm



Characteristics

Rated input voltage: 12-24VDC 50/60Hz

Model No.	Input voltage	Max output current	Ta	Tc	L x W x H
SP75-AA, -AB-BA-V-BB-CA-CB	12V-24V	6.25A Max	30°C	75°C	72x31.8x16.8



UL LED Power Supply Series



UL Listed products, Open Circuit; Short Circuit; Over Load, Over Heat Protection.

SNP12-VF(UL)/SNP12-IF(UL)



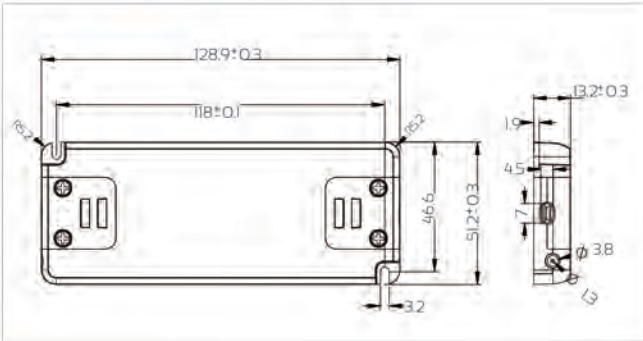
Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:12W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm

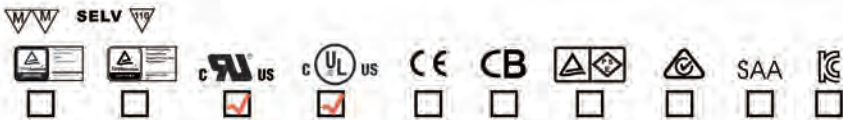


Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP12-12VF(UL)	12V	0-12W	1.0A	≥0.5	40℃	80℃	128.9x51.2x13.2
SNP12-24VF(UL)	24V	0-12W	0.5A	≥0.5	40℃	80℃	128.9x51.2x13.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP12-350IF(UL)	350mA	0-12W	34VDC	≥0.5	40℃	80℃	128.9x51.2x13.2
SNP12-700IF(UL)	700mA	0-12W	17VDC	≥0.5	40℃	80℃	128.9x51.2x13.2



SNP15-VL(UL)/SNP15-IL(UL)



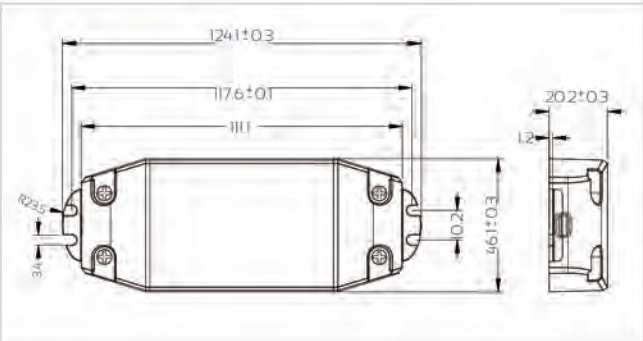
Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:15W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm

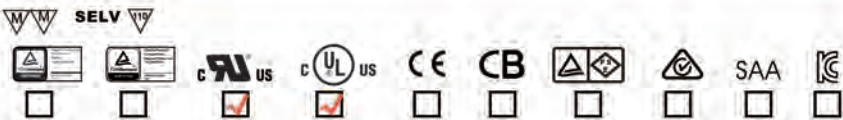


Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP15-12VL(UL)	12V	0-15W	1.25A	≥0.6	45℃	80℃	124.1x46.1x20.2
SNP15-24VL(UL)	24V	0-15W	0.625A	≥0.6	45℃	80℃	124.1x46.1x20.2

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP15-350IL(UL)	350mA	10-15W	42VDC	≥0.6	45℃	80℃	124.1x46.1x20.2
SNP15-500IL(UL)	500mA	10-15W	30VDC	≥0.5	45℃	80℃	124.1x46.1x20.2
SNP15-500IL(UL)-1	500mA	10-15W	30VDC	≥0.9	45℃	80℃	124.1x46.1x20.2
SNP15-700IL(UL)	700mA	10-15W	21VDC	≥0.6	45℃	80℃	124.1x46.1x20.2



SNP20-VL(UL)/SNP20-IL(UL)



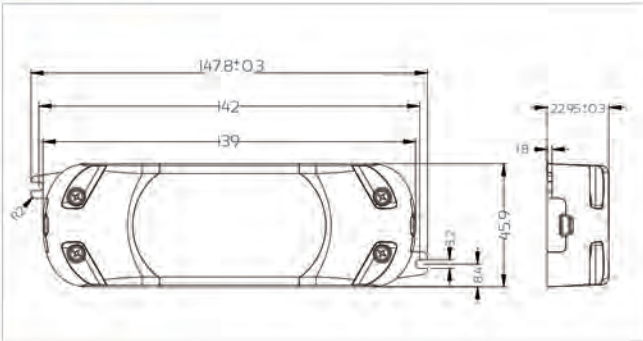
Reliable Technical Data

- Input Voltage Range:90-132VAC
- Input Frequency:60Hz
- Output Power:20W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP20-12VL(UL)	12V	0-20W	1.67A	≥0.5	40℃	80℃	147.8x46x23
SNP20-24VL(UL)	24V	0-20W	0.85A	≥0.5	40℃	80℃	147.8x46x23

Model No.	Constant output current	Load	Max output voltage	PF	Ta	Tc	L x W x H
SNP20-350IL(UL)	350mA	0-12W	57.14VDC	≥0.5	40℃	80℃	147.8x46x23
SNP20-500IL(UL)	700mA	0-12W	40VDC	≥0.5	40℃	80℃	147.8x46x23
SNP20-700IL(UL)	700mA	0-12W	28.57VDC	≥0.5	40℃	80℃	147.8x46x23



SP25-VFT(UL)



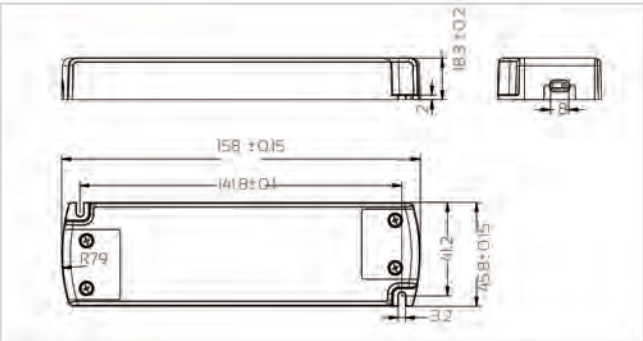
Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:25W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SP25-12VFT(UL)	12V	0-25W	2.08A	≥0.9	45℃	80℃	158x45.8x18.3
SP25-24VFT(UL)	24V	0-25W	1.04A	≥0.9	45℃	80℃	158x45.8x18.3



SNP30-VF(UL)



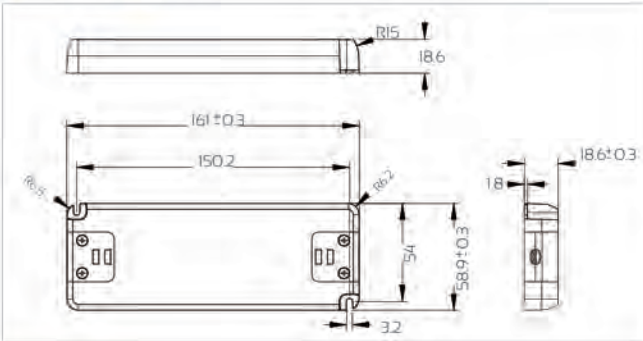
Reliable Technical Data

- Input Voltage Range:108-132VAC
- Input Frequency:60Hz
- Output Power:30W
- Body: PC
- Open Circuit; Short Circuit; Over Load;

- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm

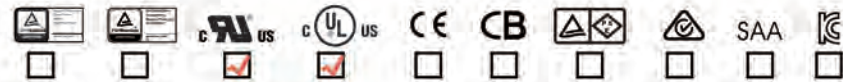


Characteristics

Input Voltage Range: AC108-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP30-12VF(UL)	12V	0-30W	2.5A	≥0.9	45℃	80℃	161x58.9x18.6
SNP30-24VF(UL)	24V	0-30W	1.25A	≥0.9	45℃	80℃	161x58.9x18.6

SELV



SNP60-VF-1(UL)



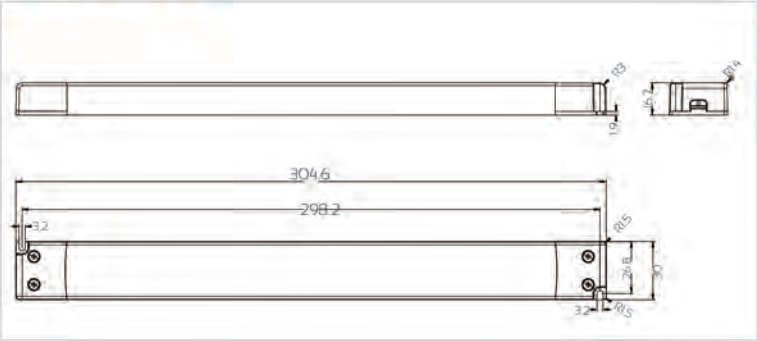
Reliable Technical Data

- Input Voltage Range:90-132VAC/180-264V
- Input Frequency:50/60Hz
- Output Power:60W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2; EN61000-3-3; EN61547
- EMF According to EN62493
- ERP According to EN1194-2012
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-132V/180-264V 50/60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP60-12VF-1(UL)	12V	0-60W	5A	≥0.95	45℃	80℃	304.6x30x16.7
SNP60-24VF-1(UL)	24V	0-60W	2.5A	≥0.95	45℃	80℃	304.6x30x16.7

SELV



UL LED Power Supply Series

SNP100-VF-1(UL)

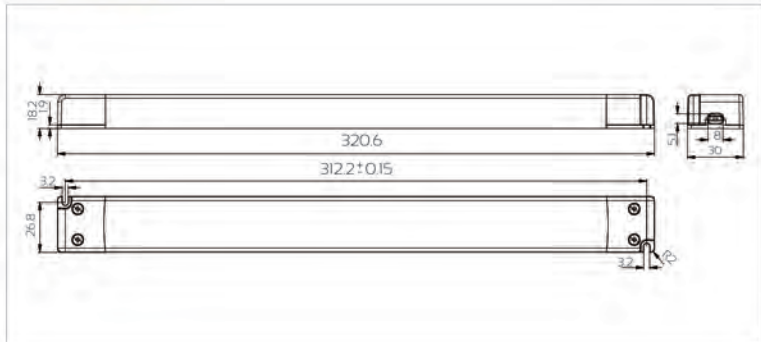


Reliable Technical Data

- Input Voltage Range:90-132VAC
- Input Frequency:60Hz
- Output Power:100W
- Body: PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection
- Conforms to UL Std. 8750
- FCC PART15 ClassB



Dimension in mm



Characteristics

Input Voltage Range: AC90-132V 60Hz (power factor measured at AC120V and full load)

Model No.	Constant output voltage	Load	Max output current	PF	Ta	Tc	L x W x H
SNP100-12VF-1(UL)	12V	0-100W	8.33A	≥0.95	45℃	80℃	320.6x30x18.2
SNP100-24VF-1(UL)	24V	0-100W	4.16A	≥0.95	45℃	80℃	320.6x30x18.2



Outdoor Super Slim SPA Series



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

Page 02-04

Outdoor SPH Series



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP65/67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

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Outdoor SLP Series



Reliable Technical Data

- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W-150W
- Body:IP67, Aluminum case

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IP20 SL(UE) Linetype Series



Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:45W-150W
- Body: PC

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UE Series 6W-100W



Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:6W-100W
- Body:PC

Page114-118



Outdoor Super Slim SPA Series

Outdoor SLP Series



Reliable Technical Data

- Input Voltage Range:90-305 VAC
- IP67 design for indoor or outdoor installation
- Protections:short circuit/over load/over voltage/over temperature
- Built in active PFC function
- Cooling by free air, high reliability
- 100% burn-in with full load
- Suitable for LED lighting and moving sign applications

Model No.

SPA100-VFP
SPA150-VFP
SPA200-VFP
SPA250-VFP
SPA320-VFP

Reliable Technical Data

- Input Voltage Range:90-264 VAC
- Input Frequency:50/60Hz
- Output Power:60W-150W
- Body:IP67, Aluminum case

Model No.

SLP60-VFP(UE)
SLP100-VFP(UE)
SLP150-VFP(UE)

IP20 Indoor Linetype Series

IP20 Wide Input Voltage Linetype Series

IP20 Regular Linetype Series



Reliable Technical Data

- Input Voltage Range:90-264VAC
- Input Frequency:50/60Hz
- Output Power:45W-150W
- Body: PC

Model No.

SL45-VF(UE)
SNP60-VF-1(UL)
SL100-VF(UE)
SL150-VF(UE)

Reliable Technical Data

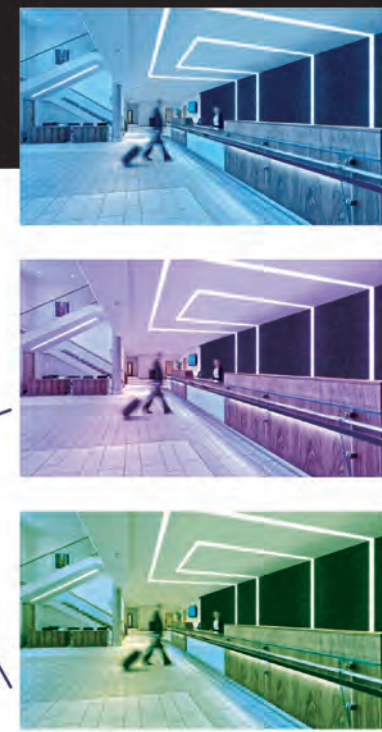
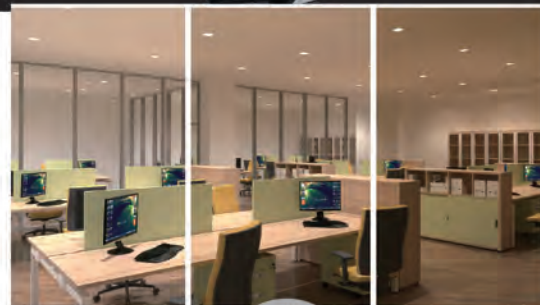
- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:240W
- Body: PC

Model No.

SL240-VF

DALI2 Constant Voltage Series

Triac Constant Voltage Series



Reliable Technical Data

- Input Voltage Range:180-264VAC
- Input Frequency:50/60Hz
- Output Power:60W-150W
- Body: Metal, Plastic, Tinplate

Model No.
SDL60-VFB
SDL60-VFP
SDL60-VF
SDL100-VFB
SDL100-VFP
SDL100-VF
SDL150-VFB
SDL150-VFP
SDL150-VF

Reliable Technical Data

- Input Voltage Range:198-264VAC
- Input Frequency:50/60Hz
- Output Power:100W/150W
- Body: PC

Model No.
SP100-VLT
SP150-VLT