

Comparison Chart

▶ PFC

Family		AC Input Range (VAC)	Potted	C.C./C.P./C.V. (Note 1)	IP	Dimming (Note 2)	Vo / Io Adj	Warranty (years)	Remark	
Series Name	Type									
XLG-25/50/75/100/150/200/240	Blank/A	100-305	✓	C.P.	67	3 in 1	Io	5		
	AB									
HLG-40H / 60H / 80H / 100H / 120H / 150H / 185H / 240H / 320H / 480H / 600H	A	90~305	✓	C.V.+C.C.	65	3 in 1	✓	7		
	B/AB									
	C (240W/320W only)				67	Timer				
	Blank (40~320W)									
	D (option, 40~480W)									
	D2 (option, 480W only)									
HLG-60H-C / 80H-C / 120H-C / 185H-C / 240H-C / 320H-C / 480H-C	A	90~305	✓	C.C.	65	3 in 1	Io	7		
	B/AB									
	D (70~200W)				67	Timer				
	D2 (option, 250~480W)									
	DA (option, 320W only)									
ELG-75 / 100 / 150 / 200 / 240	A	100~305	✓	C.V.+C.C.	65	3 in 1	✓	5		
	B/AB									
	Blank				67	Smart Timer				
	D2									
	DA									
	BE (150W only)									
ELG-300		100~305	✓	C.V.+C.C.	67		Io	5		
ELG-50-C / 75-C / 100-C / 150-C / 200-C / 240-C ELGT-150 / ELGC-300	A	100~305	✓	C.C.	65	3 in 1	Io	5		
	B/AB									
	Blank (ELGC-300 except)				67	Smart Timer				
	D2									
	DA									
	BE (ELG-150-C only)									
AB (ELGC-300 only)	C.P. (ELGC-300 only)	3 in 1	Io	5						
XBG-100/160/240	A	90~305	✓	C.P.	67	3 in 1	Io	5		
	AB									
HBG	60	90~295	✓(half)	C.C.				5	1. Circular shape 2. Metal case (Plastic case for HBG-60)	
	100	A/AB	90~305	✓	C.C.	65	3 in 1			Io
		B								
		Blank				67	DALI			
		DA								
	160 / 200 / 240	A/AB	90~305	✓	C.V.+C.C.	65	3 in 1			Io
		B								
		AB (200W only)				67	3 in 1			
		Blank								
	DA									
	60P		90~295		C.C.					Io
	100P	A	90~305		C.C.		3 in 1			Io
		B								
		DA								
160P / 240P	A	90~305		C.V.+C.C.		3 in 1	Io			
	B									
	DA (160W only)									
HBGC-300	A	90~305	✓	C.P.	67	3 in 1	Io	5	Circular shape	
	AB									
	DA									

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Series Name	Type								
HVG(C)-65 / 100 / 150 / 240 / 320 / 480 / 650/1000	A	180~528	✓	HVG : C.V.+C.C. HVGC : C.C. HVG-480/650 /1000:C.P.	65	3 in 1	HVG: ✓ HVGC:Io	5	HVG-650/1000 AB-Type IP:67
	B								
	AB								
	D (option, 65~150W)								
	D2 (option, 240~1000W)								
	DA (480W, 650W)								
	DA2(1000W only)								
FDL-65		180~295	✓	C.C.	65		Io	3	
FDLC-80 / 100		180~295	✓	C.P.	65		Io	3	
FDHC-100		180~295	✓	C.P.	67			3	
SLD-50/80		110~305		C.V.+C.C			Io(56V)	3	
LDC-35 / 55 / 80	B	180~264		C.P.		3 in 1	Io Adj	5	1. CP mode 2. Flirker free
	Blank								
	DA					DALI / Push Dim			
HLN-40H / 60H / 80H	A	90~305	✓ (60W/80W half)	C.V.+C.C.	64	3 in 1	✓	3	
	B								
LPF-16 □ / 25 □ / 40 □ / 60 □ / 90 □ / LPFH-60 □	D	90~305	✓	Blank Type : C.V.+C.C. D-Type : C.C.	67 (16W option)	3 in 1		5	
	Blank								
NPF-40□ / 60□ / 90□ / 120□	D	90~305	✓	Blank Type : C.V.+C.C. D-Type : C.C.	67	3 in 1		5	
	Blank								
PWM-40 / 60 / 90 / 120	40/60/90/120	90~305	✓	C.V.	67	3 in 1		5	PWM output
	60/90/120					DALI			
IDLV-25 / 45 / 65	A	25W/45W: 90~295 65W: 180~295		C.V.	20	2 in 1		3	1. PWM output 2. Terminal block
	Blank								
IDLC-25 / 45 / 65	A/Blank	25W/45W: 90~295 65W: 180~295		C.C.	20	2 in 1			1. Flicker free 2. Terminal block
	DA (45~65W)					DALI			
ODLV-45/65	A	180~295		C.V.	67	2 in 1			PWM output
	Blank					2 in 1 & Auxiliary DC			
ODLC-45/65	A/Blank	90~295		C.C.	67	2 in 1		3	Flicker free
	DA					DALI			
OWA- 90 / 120		90~264 (OWA-120E: 180~264)	✓	C.C.+C.V.	67*			5	External type
PLN-100		90~295		C.C.+C.V.	64		✓	2	
PLN-30 / 45 / 60		90~295		C.C.	64		✓	2	
PLN-20		90~277		C.C.	64		Io	2	
PLC-100		90~264		C.V.+C.C.			✓	2	Terminal block I/O
PLC-30 / 45 / 60		90~264		C.C.			✓	2	Terminal block I/O
PCD-16 / 25 / 40 / 60		A: 90~135 B: 180~295	✓ (16W/25W/ 60W half)	C.C.	42	AC Phase-Cut		3	

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Series Name	Type								
PLD-16 / 25 / 40 / 60		16W/40W/60W: A: 90~135 B: 180~295	✓ (16W/25W/60W half)	C.C.	42			3	
		25W: 90~295							
GSC18 / 25 / 40		90~277	(40W half)	C.C.	40			3	External type
PLM-12 / 25 / 40		110~295		C.C.	30			2	Terminal block
PLM-12E / 25E / 40E		180~295							
LCM-25 / 40 / 60 (EO)		25W: 180~277 40W/60W: 180~295		C.C.	20	3 in 1		3	1. Io level selectable in one power unit 2. Terminal block
LCM-25DA / 40DA / 60DA						DALI & Push DIM			
LCM-25/40/ 60-KN						KNX/EIB			
LCM-40U / 60U (EO)						3 in 1			
LCM-40UDA / 60UDA		90~132				DALI & Push DIM			
IDPV-25 / 45 / 65		25W/45W: 90~295 65W: 180~295		C.V.			2 in 1	3	1. PCB type 2. Terminal block
IDPC-25 / 45 / 65		25W/45W: 90~295 65W: 180~295		C.C.			2 in 1 DALI		1. PCB type 2. Flicker free 3. Terminal block
PLP-30 / 45 / 60		90~264		C.C.			Io	2	PCB type
HLP-40H / 60H / 80H		90~305		C.C.		3 in 1	✓	3	PCB type
ERPF-400		90~264	half	C.V.			Vo	3	

▶ Non-PFC

Family		AC Input Range (VAC)	Potted	C.C. or C.V. (Note 1)	IP	Max. Eff.	Warranty (years)	Remark
Series Name	Type							
APV-8 / 12 / 16 / 25 / 35		90~264	✓ (16W/35W half)	C.V.	42	85%	2	
APC-8 / 12 / 16 / 25 / 35		90~264	✓ (16W/35W half)	C.C.	42	84%	2	
APV-8E / 12E / 16E		180~264	✓ (16W half)	C.V.	42	83%	2	
APC-8E / 12E / 16E		180~264	✓ (16W half)	C.C.	42	83%	2	
LPL-18 / LPH-18 LPV-20 / 35 / 60 / 100 / 150 LPVL-150		LPL: 90~132 LPH: 180~264 LPV-20~100: 90~264 LPV-150: 180~305 LPVL-150: 90~132	✓	C.V.	67	90%	2	
LPLC-18 / LPHC-18 LPC-20 / 35 / 60 / 100 / 150		LPLC: 90~132 LPHC: 180~264 LPC-20~100: 90~264 LPC-150: 180~305	✓	C.C.	67	90%	2	
OWA-60		90~264	✓	C.V.+C.C.	67*	91%	5	External type
ERP -200/350		180~264	half	C.V.		90%	3	

Note 1 C.V. represents Constant Voltage Mode Output, whereas C.C. represents Constant Current Mode Output; C.P. represents constant power mode output. For C.V.+C.C., C.C., and C.V. operations, please refer to Application Q&A section on MEAN WELL LED website. (The C.C. only LED power supplies are suitable for directly driving LED modules, but not suitable for connecting with additional DC-DC LED drivers.)

Note 2 3 in 1 dimming: 1~10Vdc (or 0~10Vdc), PWM signal, or resistance.

2 in 1 dimming: 1~10Vdc (or 0~10Vdc), PWM signal.

DALI: DALI control technology

For Timer Dimming and Smart Timer Dimming function, please contact MEAN WELL for details.

Note 3 * IP67 design for power body