

Comparison Chart

Family		PFC (Note 2)		AC Input Range (VAC)	Potted	C.C. or C.V. (Note 1)	IP	Dimming (Note 3)	Vo / Io Adj	Max. Eff.	Warranty (years)	Remark	
Series Name	Type (Note 4)	Single Stage	Two Stage										
HLG-40H / 60H / 80H / 100H / 120H / 150H / 185H / 240H / 320H / 600H	A ★			90~305	✓	C.V.+C.C.	65		✓	96%	7	Vo<60VDC	
	B						67	3 in 1					
	C (240W/320W only)		✓										✓
	Blank (40~320W)							67					
	D (option, 40~320W)							67	Timer				
HLG-60H-C / 80H-C / 120H-C / 185H-C / 240H-C / 320H-C	A ★			90~305	✓	C.C.	65		Io	94%	7	Vo>60VDC	
	B						67	3 in 1					
	D (70~200W)		✓					67	Timer				
	D2 (option, 250W/320W)							67	Smart Timer				
	DA (option, 320W only)							67	DALI				
ELG-75 / 100 / 150 / 200 / 240	A			100~305	✓	C.V.+C.C.	65		✓	93%	5	Vo<60VDC	
	B						67	3 in 1					
	Blank						67						
	D2		✓					67	Smart Timer				
	DA							67	DALI				
	BE (150W only)							67	3 in 1				
ELG-75-C / 100-C / 150-C / 200-C / 240-C	A			100~305	✓	C.C.	65		Io	93%	5	Vo>60VDC	
	B						67	3 in 1					
	Blank						67						
	D2		✓					67	Smart Timer				
	DA							67	DALI				
	BE (150W only)							67	3 in 1				
HBG	60	✓		90~295	✓(half)	C.C.				90%	5	1. Circular shape 2. Metal case (Plastic case for HBG-60)	
	100	A			90~305	✓	C.C.	65		Io			91.5%
		B						67	3 in 1				
	Blank			67									
	160 / 240	A		✓			C.V.+C.C.	65		Io			93.5%
		B						67	3 in 1				
	Blank			67									
	60P	✓		90~295		C.C.				90%		1. Circular shape 2. PCB type	
	100P	A			90~305	✓	C.C.			Io			91.5%
		B							3 in 1				
160P / 240P	A		✓	C.V.+C.C.					Io	93.5%			
	B							3 in 1					
HVG(C)-65 / 100 / 150 / 240 / 320	A			180~528	✓	HVG : C.V.+C.C. HVGC : C.C.	65		HVG: ✓ HVGC: Io	91.5%	5		
	B						67	3 in 1					
	D (option, 65~150W)		✓					67	Timer				
	D2 (option, 240W/320W only)							67	Smart Timer				
FDL-65		✓		180~295	✓	C.C.	65		Io	90%	3		
HSG-70			✓	90~305	✓	C.V.+C.C.	65		Io	90%	3		
CLG-150	A			90~295	✓	C.V.+C.C.	65		✓	91%	3		
	B						67	Resistance					
	C		✓						✓				
	Blank							67					

Quick Selection Map

Family		PFC (Note 2)		AC Input Range (VAC)	Potted	C.C. or C.V. (Note 1)	IP	Dimming (Note 3)	Vo / Io Adj	Max. Eff.	Warranty (years)	Remark
Series Name	Type (Note 4)	Single Stage	Two Stage									
CLG-100			✓	90~295	✓	C.V.+C.C.	67			88.5%	3	
CLG-60		✓		90~295	✓	C.C.	67			89%	3	
CEN-60 / 75 / 100		✓		90~295		C.C.	66		✓	91%	3	
ULP-150			✓	90~295	✓ (half)	C.V.			Vo	93%	3	U-bracket
HLN-40H / 60H / 80H	A		✓	90~305	✓ (60W/80W half)	C.V.+C.C.	64		✓	91%	3	
	B											
LPF-16□ / 25□ / 40□ / 60□ / 90□	D		✓	90~305	✓	Blank Type : C.V.+C.C. D-Type : C.C.	67 (16W option)			90.5%	5	
	Blank											
NPF-40□ / 60□ / 90□ / 120□	D		✓	90~305	✓	Blank Type : C.V.+C.C. D-Type : C.C.	67		3 in 1	91%	5	
	Blank											
PWM-40 / 60 / 90 / 120			✓	90~305	✓	C.V.	67	3 in 1		90.5%	5	PWM output
IDLV-45 / 65	A	✓		45W: 90~295 65W: 180~295		C.V.	20	0~10Vdc or PWM		90%	3	1. Flicker free 2. Push-in terminal
	Blank											
IDLC-45 / 65	A	✓		45W: 90~295 65W: 180~295		C.C.	20	0~10Vdc or PWM		89%		
	Blank											
OWA- 90 / 120			✓	90~264 (OWA-120E: 180~264)	✓	C.C.+C.V.	67*			91%	5	External type
PLN-100			✓	90~295		C.C.+C.V.	64		✓	88.5%	2	
PLN-30 / 45 / 60		✓		90~295		C.C.	64		✓	89%	2	
PLN-20		✓		90~277		C.C.	64		Io	83.5%	2	
PLC-100			✓	90~264		C.V.+C.C.			✓	90%	2	Terminal block I/O
PLC-30 / 45 / 60		✓		90~264		C.C.			✓	89%	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		87%	3	
PLD-16 / 25 / 40 / 60	✓			16W/40W/60W: A: 90~135 B: 180~295	✓ (16W/25W/60W half)	C.C.	42			88%	3	
				25W: 90~295								
GSC18 / 25 / 40		✓		90~277	(40W half)	C.C.	40			88%	3	External type
PLM-12 / 25 / 40		✓		110~295		C.C.	30			88%	2	Push terminal
PLM-12E / 25E / 40E				180~295								

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Series Name	Type (Note 4)	Single Stage	Two Stage									
LCM-25 / 40 / 60			✓	25W: 180~277 40W/60W: 180~295		C.C.	20	3 in 1		92%	3	Io level selectable in one power unit
LCM-25DA / 40DA / 60DA								DALI & Push DIM				
LCM-40U / 60U				3 in 1								
LCM-40UDA / 60UDA				DALI & Push DIM								
IDPV-45 / 65	A	✓		45W: 90~295 65W: 180~295		C.V.		0~10Vdc or PWM		90%	3	1. PCB type 2. Flicker free 3. Push-in terminal
	Blank											
IDPC-45 / 65	A	✓		45W: 90~295 65W: 180~295		C.C.		0~10Vdc or PWM		89%		
	Blank											
PLP-20 / 30 / 45 / 60		✓		20W: 90~277 30~60W: 90~264		C.C.			Io	89%	2	PCB type
HLP-40H / 60H / 80H			✓	90~305		C.C.		3 in 1	✓	90.5%	3	PCB type

Family		PFC (Note 2)		AC Input Range (VAC)	Potted	C.C. or C.V. (Note 1)	IP	Dimming (Note 3)	Vo / Io Adj	Max. Eff.	Warranty (years)	Remark
Series Name	Type (Note 4)	Single Stage	Two Stage									
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	
ELN-30 / 60				90~264		C.V.+C.C.	64	1~10Vdc or PWM	✓	88%	2	
OWA-60				90~264	✓	C.V.+C.C.	67*			91%	5	External type

Note 1 C.V. represents Constant Voltage Mode Output, whereas C.C. represents Constant Current 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 ■ Non-PFC : PF<0.6 and target at regions where PF compliance is not required.

■ Single-Stage PFC : No hold-up time and higher Ripple & Noise. Not recommended to use in regions with unstable utility.

■ Two-Stage PFC : Longer hold-up time and lower Ripple & Noise. Suitable for LED lighting and general industrial applications.

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

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

Note 4 ★ are popular models and will have sufficient stock for prompt delivery of high quantity orders.

Note 5 * IP67 design for power body