

Comparison Chart

Family		PFC (Note 1)		AC Input Range (VAC)	Potted	C.C. or C.V.	IP	Dimming (Note 2)	Vo / Io Adj	Max. Eff.	Warranty (years)	Remark
Series Name	Type (Note 3)	Single Stage	Two Stage									
HLG-40H / 60H / 80H / 100H / 120H / 150H / 185H / 240H / 320H	A ★			90~305	✓	C.V.+C.C.	65	3 in 1	✓	95%	5	Vo<60VDC
	B		✓									
	C (240W/320W only)											
	Blank											
HLG-60H-C/ 80H-C/ 120H-C/ 185H-C	A ★			90~305	✓	C.V.+C.C.	65	3 in 1	Io	94%	5	Vo>60VDC
	B		✓									
	D (option)											
	Blank											
HBG-100/160/240	A			90~305	✓	C.V.+C.C.	65	3 in 1	✓	93.5%	5	Circular shape
	B		✓									
	Blank											
	E (option, 100W/160W only)											
HVG(C)-65/100/150	A ★			180~528	✓	C.V.+C.C.	65	3 in 1	✓ / Io	91.5%	5	
	B		✓									
	D (option)											
HSG-70	A ★			90~305	✓	C.V.+C.C.	65	Resistance	Io	90%	3	
	B		✓									
CLG-150	A			90~295	✓	C.V.+C.C.	67	Resistance	✓	91%	3	
	B		✓									
	Blank											
CLG-100 ★			✓	90~295	✓	C.V.+C.C.	67			88.5%	3	
CLG-60 ★		✓		90~295	✓	C.V.+C.C.	67			89%	3	
CEN-60 / 75 / 100		✓		90~295		C.V.+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	3 in 1	✓	91%	3	
	B		✓									
LPF16□/25□/40□/60□/90□	D			90~305	✓	C.V.+C.C.	67 (16W option)	3 in 1		90.5%	5	
	Blank		✓									
PLN-100 ★			✓	90~295		C.V.+C.C.	64		✓	88.5%	2	
PLN-30 / 45 / 60 ★		✓		90~295		C.V.+C.C.	64		✓	89%	2	
PLN-20 ★		✓		90~277		C.V.+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.V.+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.	30	AC Phase-Cut		87%	3	
PLD-16 / 25 / 40 / 60		✓		16W/40W/60W: A-90~135 B-180~295 25W: 90~295	✓ (16W/25W/60W half)	C.C.	30			88%	3	
PLM-12/25/40		✓		90~295		C.C.	30			88%	2	Push terminal
LCM-25/ 40 / 60			✓	180~295		C.C.	20	0~10Vdc & PWM DALI & push DIM		92%	3	Io level selectable in one power unit
LCM-25DA/ 40DA / 60DA			✓	180~295		C.C.	20	0~10Vdc & PWM DALI & push DIM		92%	3	Io level selectable in one power unit
PLP-20 / 30 / 45 / 60		✓		20W: 90~277 30~60W:90~264		C.V.+C.C.			Io	89%	2	PCB type
HLP-40H / 60H / 80H			✓	90~305		C.V.+C.C.		3 in 1	✓	90.5%	3	PCB type
ELN-30 / 60				90~264		C.V.+C.C.	64	1~10Vdc or PWM	✓	88%	2	
LPL-18 / LPH-18 LPV-20 / 35 / 60 ★ / 100 / 150				LPL: 90~132 LPH: 180~264 LPV-20~100: 90~264 LPV-150: 180~305	✓	C.V.	67			90%	2	
LPLC-18 / LPHC-18 LPC-20 / 35 / 60 / 150				LPLC: 90~132 LPHC: 180~264 LPC-20~60: 90~264 LPC-150: 180~305	✓	C.V.+C.C.	67			90%	2	
APC-12 / 16 / 25 / 35				90~264	✓ (16W/35W half)	C.V.+C.C.	30			84%	2	
APV-12 / 16 / 25 / 35				90~264	✓ (16W/35W half)	C.V.	30			85%	2	

Note 1 ■ Single-Stage PFC : No hold-up time and higher Ripple & Noise. Not to use in regions with unstable utility status is highly recommended. (For C.V. mode operation, please refer to the application Q&A on POWER277 LED website.)

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

■ Non-PFC : PF<0.6 and target at regions where PF compliance does not required.

Note 2 3-in-1 dimming: 1~10Vdc, PWM signal, or resistance. Timer: Timmer dimming function, please contact POWER277 for details.

Note 3 ★ are popular models and will have sufficient stock for prompt delivery of high quantity orders.