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/60 /80H/100☐ /120☐/150 ☐ /185☐/240 ☐ /320H	A ★		✓	H: 90-305 Non-H: 90-264	✓	C.V + C.C	65		✓	95%	5	
	B						67	3 in 1				
	C (240W/320W only)								✓			
	D (option)						67	timer				
	Blank						67					
HVG(C)-100	A ★		✓	200-480	✓	C.V + C.C	65		✓	91%	5	
	B						67	3 in 1				
	D (option)						67	timer				
CLG-150	A ★		✓	90-295	✓	C.V + C.C	65		✓	91%	3	
	B						67					
	C								✓			
	Blank						67					
CLG-100			✓	90-295	✓	CV+CC	67			90%	3	
CLG-60		✓		90-295	✓	CV+CC	67			89%	3	
CEN 60/70/100		✓		90-295	✓ Half	CV+CC	66		✓	91%	3	
UPL-150			✓	90-295	✓	CV			Vo	93%	3	U-bracket
LDV-185			✓	180-305		CC	67			88.5%	3	Multi channel c.c output
HLN-40H/60H/80H	A		✓	90-305		CV+CC	64		✓	91%	3	
	B							3 in 1				
LPF-40☐/60 ☐ /90 ☐	D		✓	90-305	✓	CV+CC	67	3 in 1		91%	3	Class II input (no F.G)
	Blank											
PLN-100			✓	90-295		CV+CC	64		✓	90%	2	
PLN-30/45/60		✓		90-295		CV+CC	64		✓	89%	2	
PLN-20		✓		90-277		CV+CC	64		I_o	83.5%	2	
PLC-100			✓	90-264		CV+CC			✓	90%	2	Terminal block I/O
PLC-30/45/60		✓		90-264		CV+CC			✓	89%	2	Terminal block I/O
PCD-16/25		✓		A: 90-135 B: 180-295	✓ Half	CC		AC phase-cut		82%	3	
PLD-25		✓		90-295	✓ Half	CC				86%	3	
PLP-20/30/45/60		✓		20W: 90-277 30-60W: 90-264		CV+CC			I_o	89%	2	PCB type
HLP-40H/60H/80H			✓	90-305		CV+CC		3 in 1	✓	91%	3	PCB type
ELN-30/60				90-264		CV+CC	65	1-10Vdc or PWM	✓	88%	2	
LPH/LPL-18 LPV-20/35/60/100				LPH:180-264 LPL:90-132 LPV:90-264	✓	CV	67			89%	2	
LPHC/LPLC-18 LPC-20/35/60				LPHC:180-264 LPLC:90-132 LPC:90-264	✓	CC	67			87%	2	
APC-12/16				90-264	✓ (16W half)	CC				82%	2	
APV-12/16				90-264	✓ (16W half)	CV				82%	2	

Note 1 ☐ **Single-Stage PFC:** No hold-up time and higher Rippie & Noise. Not to use in regions with unstable utility status is higher recommended. (For C.V mode operation, please refer to the application Q&A on Meanwell LED website.
☐ **Two-Stage PFC:** Longer hold-up time and lower Rippie & Noise. Suitable for LED lighting and general industrial applications.
☐ **Non-PFC:** PF<0.6 and target at regions where PFC compliance does not required.

Note 2 3-in-1 dimming: 1-10Vdc. PWM signal, or resistance. Timer: Timmer dimming function, please contact Current Automation for details, or visit www.rectifier.co.za.

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