

HLG series

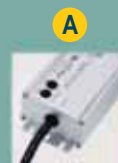
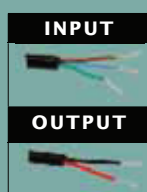
40~60W High Efficiency Class 2 with PFC

Features

- Universal AC input (up to 305VAC) / Full range
- Protections:
Short circuit / Over current / Over voltage / Over temperature
- Built-in active PFC, PF>0.9 for 60% of load or higher
- High efficiency up to 90.5%
- IP67 / IP65 design for indoor or outdoor installations
- Output current adjustable through output cable or internal potentiometer
- Cooling by free air convection
- Suitable for dry, damp and wet location
- Suitable for LED lighting and street lighting applications

- Meet 4KV surge immunity level (IEC61000-4-5)
- Class 2 power unit
- Multiple models for choice:
A-Type: IP65 rated. Output voltage and constant current level can be adjusted through internal potentiometer
B-Type: IP67 rated and built-in 3 in 1 dimming function (1~10VDC, PWM signal, or resistance)
Blank-Type: IP67 rated. Cable for I/O connection
D-Type(option): IP67 rated. Timer dimming function, contact MEAN WELL for details.
- 5 years warranty

HLG-40H/60H



NEW

AC input voltage range	90~305VAC ; 127~431VDC		
AC inrush current (max.)	Cold start, 70A at 230VAC		
DC adjustment range	±10% rated output voltage (Type A only)		
Current adjustment range	60%~100% rated output current adjustable by internal potentiometer or through output cable		
Over current protection	95%~108% constant current limiting, auto-recovery		
Over voltage protection	109%~145% rated output voltage, shut off, re-power on to recover		
Setup, rise, hold up time	1000ms, 80ms, 16ms at full load and 230VAC		
Withstand voltage	I/P-O/P: 3.75kVAC, I/P-FG: 1.88kVAC, O/P-FG:0.5kVAC		
Working temperature	-40~+70°C (refer to output derating curve)		
Safety standards	UL8750, TUV EN61347-1, EN61347-2-13 approved; Design refer to UL60950-1, EN60950-1, EN60335-1		
EMC standards	EN55015, EN61000-3-2 class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024		
Connection	Input	UL rated, SJTW 18AWGx3C (30cm)	
	Output	A/D/Blank-Type: SVT 18AWGx2C (30cm); B-Type: SVT 18AWGx2C (30cm)+UL2517 18AWGx2C (30cm)	
Dimension (LxWxH) (mm)	171x 61.5x 36.8		

HLG-40H Series



Model No.	Output	Tol.	R&N	Effi.
HLG-40H-12(A)	12V, 0~3.33A	±2.5%	150mV	86.5%
HLG-40H-15(A)	15V, 0~2.67A	±2.0%	150mV	86.5%
HLG-40H-20(A)	20V, 0~2.00A	±1.0%	150mV	88.0%
HLG-40H-24(A)	24V, 0~1.67A	±1.0%	200mV	88.0%
HLG-40H-30(A)	30V, 0~1.34A	±1.0%	200mV	88.5%
HLG-40H-36(A)	36V, 0~1.12A	±1.0%	200mV	88.5%
HLG-40H-42(A)	42V, 0~0.96A	±1.0%	200mV	88.5%
HLG-40H-48(A)	48V, 0~0.84A	±1.0%	300mV	89.5%
HLG-40H-54(A)	54V, 0~0.75A	±1.0%	300mV	89.5%

○ = A, B, D or Blank

HLG-60H Series



Model No.	Output	Tol.	R&N	Effi.
HLG-60H-15(A)	15V, 0~4.0A	±2.0%	150mV	87.5%
HLG-60H-20(A)	20V, 0~3.0A	±1.0%	150mV	89.0%
HLG-60H-24(A)	24V, 0~2.5A	±1.0%	150mV	89.5%
HLG-60H-30(A)	30V, 0~2.0A	±1.0%	200mV	90.0%

Model No.	Output	Tol.	R&N	Effi.
HLG-60H-36(A)	36V, 0~1.70A	±1.0%	200mV	90.0%
HLG-60H-42(A)	42V, 0~1.45A	±1.0%	300mV	90.0%
HLG-60H-48(A)	48V, 0~1.30A	±1.0%	300mV	90.5%
HLG-60H-54(A)	54V, 0~1.15A	±1.0%	300mV	90.5%

○ = A, B, D or Blank

Junction Box for HLG Series



- Optional junction box available for HLG-80H~320H series (A/Blank-Type only). Please contact MEAN WELL for details.
- "UL8750 listed" safety approved for HLG-80H-□BL