





HLG series

320~600W High efficiency with PFC

Features

- Universal AC input (up to 305VAC) / Full range
- Protections:
 - Short circuit / Over current / Over voltage / Over temp.
- Built-in active PFC function
- High efficiency up to 96%
- IP67 / IP65 design for indoor or outdoor installations (except for HLG-320H C-Type)
- Output current adjustable through output cable or internal potentiometer
- Cooling by free air convection
- Suitable for LED lighting and street lighting applications
- Meet 4kV surge immunity level (IEC61000-4-5)
- No load power consumption <0.5W at remote off (HLG-600H)

- Type HL LED Driver for use in Class I, Division 2 hazardous location luminaires
- LED indicator for power on (HLG-600H A-Type only)
- 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)
 - C-Type: Terminal block for I/O connection (HLG-320H only)
 - Blank-Type: IP67 rated. Cable for I/O connection (HLG-320H only)
 - D-Type(option): IP67 rated. Timer dimming function, contact MEAN WELL for details (HLG-320H only)
- 5 years warranty

HLG-320H		HLG-600H	
<div><div>INPUT</div><div></div><div>OUTPUT</div><div><div>320W</div><div>600W</div><div></div></div></div>		<div><div><div>A</div><div>B</div><div>C</div><div>Blank/D</div></div><div></div></div>	
AC input voltage range	90~305VAC; 127~431VDC		
AC inrush current (max.)	Cold start, 70A at 230VAC		
DC adjustment range	-15%~+13.3% rated output voltage (A-Type & C-Type)	-15%~+5% rated output voltage (A-Type only)	
Current adjustment range	50%~100% rated output current adjustable by internal potentiometer (for A-Type & HLG-320H C-Type)		
Over current protection	95%~108% constant current limiting, auto- recovery		
Over voltage protection	110%~140% rated output voltage		
Setup, rise, hold up time	500ms, 80ms, 15ms at full load and 230VAC		
Withstand voltage	I/P-O/P: 3.75kVAC, I/P-FG: 2kVAC, O/P-FG: 1.5kVAC		
Working temperature	-40~+70°C (refer to output derating curve)		
Safety standards	UL8750, TUV EN61347-1/2-13, PSE J61347-1/2-13 (HLG-320H A/B/D/Blank-Type only) approved		UL60950-1, UL8750, ENEC EN61347-1/2-13, EN62384 approved
EMC standards	EN55015, EN55022 class B, EN61000-3-2 class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11,EN61547		
Connection	Input	A/B/D/Blank-Type: UL rated, SJTW 18AWGx3C (30cm); C-Type: Terminal block	
	Output	A/D/Blank-Type: SJTW 14AWGx2C (30cm) B-Type: SJTW 14AWGx2C (30cm) + SJTW 18AWGx2C (30cm) C-Type: Terminal block	
Dimension (LxWxH)(mm)	252x 90x 43.8		280x 144x 48.5

HLG-320H Series



Model No.	Output	Tol.	R&N	Eff.
HLG-320H-12(A)	12V, 0~22.0A	±3.0%	150mV	91.0%
HLG-320H-15(A)	15V, 0~19.0A	±2.0%	150mV	92.5%
HLG-320H-20(A)	20V, 0~15.0A	±1.5%	150mV	93.5%
HLG-320H-24(A)	24V, 0~13.34A	±1.0%	150mV	94.0%
HLG-320H-30(A)	30V, 0~10.7A	±1.0%	200mV	94.0%
HLG-320H-36(A)	36V, 0~8.90A	±1.0%	250mV	94.5%
HLG-320H-42(A)	42V, 0~7.65A	±1.0%	250mV	95.0%
HLG-320H-48(A)	48V, 0~6.70A	±1.0%	250mV	95.0%
HLG-320H-54(A)	54V, 0~5.95A	±1.0%	350mV	95.0%

○ = A, B, C, D or Blank

HLG-600H Series



Model No.	Output	Tol.	R&N	Eff.
HLG-600H-12(A)	12V, 0~40A	±3%	150mV	92.0%
HLG-600H-15(A)	15V, 0~36A	±2%	150mV	93.5%
HLG-600H-20(A)	20V, 0~28A	±1.5%	150mV	94.5%
HLG-600H-24(A)	24V, 0~25A	±1.0%	150mV	95.0%
HLG-600H-30(A)	30V, 0~20A	±1.0%	200mV	95.0%
HLG-600H-36(A)	36V, 0~16.7A	±1.0%	250mV	95.5%
HLG-600H-42(A)	42V, 0~14.3A	±1.0%	250mV	96.0%
HLG-600H-48(A)	48V, 0~12.5A	±1.0%	250mV	96.0%
HLG-600H-54(A)	54V, 0~11.2A	±1.0%	350mV	96.0%

○ = A, B