

HLG SERIES OF POWER SUPPLIES FOR HARSH ENVIRONMENTS FROM 320 WATT TO 600 WATT

Universal AC input up to 305V AC full range.
Built in PFC function.
Efficiency up to 96%.
IP65~IP67 rated for indoor and outdoor use.
Class 2 with 4 types:
A type: IP65 with output voltage and current adjustable.
B type: IP67 with 3 in one dimming function.
(1~10V DC, PWM signal or resistance dimming).
Blank type: IP67 rated with input and output cables.
D type option details on request.
5 year warranty.



A comprehensive range of harsh environment power supplies with input ranges of 90~305V AC and 127~431V DC. These units have a single output voltage and are short circuit, over current, over voltage and over temperature protected. They are cooled by free air convection and are suitable for dry, damp and wet locations. They are suitable for LED lighting and street lighting applications as well as standard PSU use. They meet the 4kV surge immunity level to IEC61000-4-5. Safety standards are UL 8750, TUV EN 61347-1, EN 61347-2-13, PSE J61347-1 and PSE J61347-2-13 approved for 320W and UL 60950-1, UL 8750, ENEC EN 61347-1/2-13 and EN 62384 for 600W. Full data sheets available on request.

Reference	Watts	Output voltage and current DC	Output adjuster	Tolerance	Ripple & noise	Efficiency	Dimensions (mm) L x W x H
HLG-320H-12(A)	320 Watts	12V 0~22.0A	-15%~+13.3% A type	+/-3.0%	150mV	91.0%	252 x 90 x 43.8
HLG-320H-15(A)	320 Watts	15V 0~19.0A	-15%~+13.3% A type	+/-2.0%	150mV	92.5%	252 x 90 x 43.8
HLG-320H-20(A)	320 Watts	20V 0~15.0A	-15%~+13.3% A type	+/-1.5%	150mV	93.5%	252 x 90 x 43.8
HLG-320H-24(A)	320 Watts	24V 0~13.34A	-15%~+13.3% A type	+/-1.0%	150mV	94.0%	252 x 90 x 43.8
HLG-320H-30(A)	320 Watts	30V 0~10.7A	-15%~+13.3% A type	+/-1.0%	200mV	94.0%	252 x 90 x 43.8
HLG-320H-36(A)	320 Watts	36V 0~8.90A	-15%~+13.3% A type	+/-1.0%	250mV	94.5%	252 x 90 x 43.8
HLG-320H-42(A)	320 Watts	42V 0~7.65A	-15%~+13.3% A type	+/-1.0%	250mV	95.0%	252 x 90 x 43.8
HLG-320H-48(A)	320 Watts	48V 0~6.70A	-15%~+13.3% A type	+/-1.0%	250mV	95.0%	252 x 90 x 43.8
HLG-320H-54(A)	320 Watts	54V 0~5.95A	-15%~+13.3% A type	+/-1.0%	350mV	95.0%	252 x 90 x 43.8
HLG-600H-12(A)	600 Watts	12V 0~40.0A	-15%~+5% A type	+/-3.0%	150mV	92.0%	280 x 144 x 48.5
HLG-600H-15(A)	600 Watts	15V 0~36.0A	-15%~+5% A type	+/-2.0%	150mV	93.5%	280 x 144 x 48.5
HLG-600H-20(A)	600 Watts	20V 0~28.0A	-15%~+5% A type	+/-1.5%	150mV	94.5%	280 x 144 x 48.5
HLG-600H-24(A)	600 Watts	24V 0~25.0A	-15%~+5% A type	+/-1.0%	150mV	95.0%	280 x 144 x 48.5
HLG-600H-30(A)	600 Watts	30V 0~20.0A	-15%~+5% A type	+/-1.0%	200mV	95.0%	280 x 144 x 48.5
HLG-600H-36(A)	600 Watts	36V 0~16.7A	-15%~+5% A type	+/-1.0%	250mV	95.5%	280 x 144 x 48.5
HLG-600H-42(A)	600 Watts	42V 0~14.3A	-15%~+5% A type	+/-1.0%	250mV	96.0%	280 x 144 x 48.5
HLG-600H-48(A)	600 Watts	48V 0~12.5A	-15%~+5% A type	+/-1.0%	250mV	96.0%	280 x 144 x 48.5
HLG-600H-54(A)	600 Watts	54V 0~11.2A	-15%~+5% A type	+/-1.0%	350mV	96.0%	280 x 144 x 48.5

