

Universal AC input up to 305V AC full range.
Built-in PFC function and efficiency up to 93.5%.
IP65, IP66, or IP67 rated for indoor and outdoor use.
Class 2 with five types:

No suffix - IP67 rated with input and output cables.

A Type - IP65 rated with output voltage and current adjustable through internal potentiometer.

B Type - IP67 rated with built-in 3-in-1 dimming function (1~10V DC, PWM signal, or resistance dimming).

BL Type - IP66 rated with junction box

D Type: IP67 rated with timer dimming function

Full 5 year warranty.



HLG-80H-24A

A comprehensive range of harsh environment LED 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. The HLG series cover a number of applications such as: LED lighting, street lighting, and standard power supply use. The units meet the 4kV surge immunity level to IEC 61000-4-5 and are approved to the following safety standards: UL 8750, TUV EN 61347-1, EN 61347-2-13, PSE J61347-1, and PSE J61347-2-13. Full data sheets are available upon request. The BL Type option is only available for HLG-80H models.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
HLG-80H-12A	80 Watt	12V DC 5.00A	+/- 10%	+/- 2.5%	150mVp-p	88.0%	195.6 x 61.5 x 38.8
HLG-80H-15A	80 Watt	15V DC 5.00A	+/- 10%	+/- 2.0%	150mVp-p	89.0%	195.6 x 61.5 x 38.8
HLG-80H-20A	80 Watt	20V DC 4.00A	+/- 10%	+/- 1.0%	150mVp-p	90.0%	195.6 x 61.5 x 38.8
HLG-80H-24A	80 Watt	24V DC 3.40A	+/- 10%	+/- 1.0%	150mVp-p	90.5%	195.6 x 61.5 x 38.8
HLG-80H-30A	80 Watt	30V DC 2.70A	+/- 10%	+/- 1.0%	200mVp-p	91.0%	195.6 x 61.5 x 38.8
HLG-80H-36A	80 Watt	36V DC 2.30A	+/- 10%	+/- 1.0%	200mVp-p	91.0%	195.6 x 61.5 x 38.8
HLG-80H-42A	80 Watt	42V DC 1.95A	+/- 10%	+/- 1.0%	200mVp-p	91.0%	195.6 x 61.5 x 38.8
HLG-80H-48A	80 Watt	48V DC 1.70A	+/- 10%	+/- 1.0%	200mVp-p	91.0%	195.6 x 61.5 x 38.8
HLG-80H-54A	80 Watt	54V DC 1.50A	+/- 10%	+/- 1.0%	200mVp-p	91.0%	195.6 x 61.5 x 38.8
HLG-100H-20A	100 Watt	20V DC 4.80A	+/- 10%	+/- 1.0%	150mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-100H-24A	100 Watt	24V DC 4.00A	+/- 10%	+/- 1.0%	150mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-100H-30A	100 Watt	30V DC 3.20A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-100H-36A	100 Watt	36V DC 2.65A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-100H-42A	100 Watt	42V DC 2.28A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-100H-48A	100 Watt	48V DC 2.00A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-100H-54A	100 Watt	54V DC 1.77A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-12A	120 Watt	12V DC 10.00A	+/- 10%	+/- 2.5%	150mVp-p	92.0%	220.0 x 68.0 x 38.8
HLG-120H-15A	120 Watt	15V DC 8.00A	+/- 10%	+/- 2.0%	150mVp-p	92.0%	220.0 x 68.0 x 38.8
HLG-120H-20A	120 Watt	20V DC 6.00A	+/- 10%	+/- 1.0%	150mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-24A	120 Watt	24V DC 5.00A	+/- 10%	+/- 1.0%	150mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-30A	120 Watt	30V DC 4.00A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-36A	120 Watt	36V DC 3.40A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-42A	120 Watt	42V DC 2.90A	+/- 10%	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-48A	120 Watt	48V DC 2.50A	+/- 10%	+/- 1.0%	200mVp-p	93.5%	220.0 x 68.0 x 38.8
HLG-120H-54A	120 Watt	54V DC 2.30A	+/- 10%	+/- 1.0%	200mVp-p	93.5%	220.0 x 68.0 x 38.8