

- Universal AC input up to 305V AC full range.
- Built-in PFC function.
- Efficiency up to 90.5%.
- IP65 or IP67 rated for indoor and outdoor use.
- Class 2 with four 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).
- D Type - IP67 rated with timer dimming function.
- Full 5 year warranty.



HLG-40H-12A

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.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
HLG-40H-12A	40 Watt	12V DC 3.33A	+/- 10%	+/- 2.5%	150mVp-p	86.5%	171.0 x 61.5 x 36.8
HLG-40H-15A	40 Watt	15V DC 2.67A	+/- 10%	+/- 2.0%	150mVp-p	86.5%	171.0 x 61.5 x 36.8
HLG-40H-20A	40 Watt	20V DC 2.00A	+/- 10%	+/- 1.0%	150mVp-p	88.0%	171.0 x 61.5 x 36.8
HLG-40H-24A	40 Watt	24V DC 1.67A	+/- 10%	+/- 1.0%	200mVp-p	88.0%	171.0 x 61.5 x 36.8
HLG-40H-30A	40 Watt	30V DC 1.34A	+/- 10%	+/- 1.0%	200mVp-p	88.5%	171.0 x 61.5 x 36.8
HLG-40H-36A	40 Watt	36V DC 1.12A	+/- 10%	+/- 1.0%	200mVp-p	88.5%	171.0 x 61.5 x 36.8
HLG-40H-42A	40 Watt	42V DC 0.96A	+/- 10%	+/- 1.0%	200mVp-p	88.5%	171.0 x 61.5 x 36.8
HLG-40H-48A	40 Watt	48V DC 0.84A	+/- 10%	+/- 1.0%	300mVp-p	89.5%	171.0 x 61.5 x 36.8
HLG-40H-54A	40 Watt	54V DC 0.75A	+/- 10%	+/- 1.0%	300mVp-p	89.5%	171.0 x 61.5 x 36.8
HLG-60H-15A	60 Watt	15V DC 4.00A	+/- 10%	+/- 2.0%	150mVp-p	87.5%	171.0 x 61.5 x 36.8
HLG-60H-20A	60 Watt	20V DC 3.00A	+/- 10%	+/- 1.0%	150mVp-p	89.0%	171.0 x 61.5 x 36.8
HLG-60H-24A	60 Watt	24V DC 2.50A	+/- 10%	+/- 1.0%	150mVp-p	89.5%	171.0 x 61.5 x 36.8
HLG-60H-30A	60 Watt	30V DC 2.00A	+/- 10%	+/- 1.0%	200mVp-p	90.0%	171.0 x 61.5 x 36.8
HLG-60H-36A	60 Watt	36V DC 1.70A	+/- 10%	+/- 1.0%	200mVp-p	90.0%	171.0 x 61.5 x 36.8
HLG-60H-42A	60 Watt	42V DC 1.45A	+/- 10%	+/- 1.0%	300mVp-p	90.0%	171.0 x 61.5 x 36.8
HLG-60H-48A	60 Watt	48V DC 1.30A	+/- 10%	+/- 1.0%	300mVp-p	90.5%	171.0 x 61.5 x 36.8
HLG-60H-54A	60 Watt	54V DC 1.15A	+/- 10%	+/- 1.0%	300mVp-p	90.5%	171.0 x 61.5 x 36.8



CONSTANT CURRENT AND CONSTANT VOLTAGE LED POWER SUPPLIES FOR HARSH ENVIRONMENTS WITH PFC FROM 80 WATTS TO 120 WATTS

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



CONSTANT CURRENT AND CONSTANT VOLTAGE LED POWER SUPPLIES FOR HARSH ENVIRONMENTS WITH PFC FROM 150 WATTS TO 240 WATTS

Universal AC input up to 305V AC full range.
Built-in PFC function and efficiency up to 94%.
IP65 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).

C Type - Terminal block for input and output connections.

D Type - IP67 rated with timer dimming function.

Full 5 year warranty.



HLG-185H-12A

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 C Type option is only available for HLG-240H models.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
HLG-150H-12A	150 Watts	12V DC 12.50A	+/- 10%	+/- 2.5%	150mVp-p	91.5%	228.0 x 68.0 x 38.8
HLG-150H-15A	150 Watts	15V DC 10.00A	+/- 10%	+/- 2.0%	150mVp-p	92.0%	228.0 x 68.0 x 38.8
HLG-150H-20A	150 Watts	20V DC 7.50A	+/- 10%	+/- 1.0%	150mVp-p	93.0%	228.0 x 68.0 x 38.8
HLG-150H-24A	150 Watts	24V DC 6.30A	+/- 10%	+/- 1.0%	150mVp-p	93.0%	228.0 x 68.0 x 38.8
HLG-150H-30A	150 Watts	30V DC 5.00A	+/- 10%	+/- 1.0%	200mVp-p	93.5%	228.0 x 68.0 x 38.8
HLG-150H-36A	150 Watts	36V DC 4.20A	+/- 10%	+/- 1.0%	200mVp-p	93.5%	228.0 x 68.0 x 38.8
HLG-150H-42A	150 Watts	42V DC 3.60A	+/- 10%	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-150H-48A	150 Watts	48V DC 3.20A	+/- 10%	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-150H-54A	150 Watts	54V DC 2.80A	+/- 10%	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-185H-12A	185 Watts	12V DC 13.00A	+/- 10%	+/- 2.5%	150mVp-p	91.5%	228.0 x 68.0 x 38.8
HLG-185H-15A	185 Watts	15V DC 11.50A	+/- 10%	+/- 2.0%	150mVp-p	92.0%	228.0 x 68.0 x 38.8
HLG-185H-20A	185 Watts	20V DC 9.30A	+/- 10%	+/- 1.0%	150mVp-p	93.0%	228.0 x 68.0 x 38.8
HLG-185H-24A	185 Watts	24V DC 7.80A	+/- 10%	+/- 1.0%	150mVp-p	93.5%	228.0 x 68.0 x 38.8
HLG-185H-30A	185 Watts	30V DC 6.20A	+/- 10%	+/- 1.0%	200mVp-p	93.5%	228.0 x 68.0 x 38.8
HLG-185H-36A	185 Watts	36V DC 5.20A	+/- 10%	+/- 1.0%	200mVp-p	93.5%	228.0 x 68.0 x 38.8
HLG-185H-42A	185 Watts	42V DC 4.40A	+/- 10%	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-185H-48A	185 Watts	48V DC 3.90A	+/- 10%	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-185H-54A	185 Watts	54V DC 3.45A	+/- 10%	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-240H-12A	240 Watts	12V DC 16.00A	+/- 10%	+/- 2.5%	150mVp-p	90.0%	244.0 x 68.0 x 38.8
HLG-240H-15A	240 Watts	15V DC 15.00A	+/- 10%	+/- 2.0%	150mVp-p	90.0%	244.0 x 68.0 x 38.8
HLG-240H-20A	240 Watts	20V DC 12.00A	+/- 10%	+/- 1.0%	150mVp-p	91.5%	244.0 x 68.0 x 38.8
HLG-240H-24A	240 Watts	24V DC 10.00A	+/- 10%	+/- 1.0%	150mVp-p	92.5%	244.0 x 68.0 x 38.8
HLG-240H-30A	240 Watts	30V DC 8.00A	+/- 10%	+/- 1.0%	200mVp-p	92.5%	244.0 x 68.0 x 38.8
HLG-240H-36A	240 Watts	36V DC 6.70A	+/- 10%	+/- 1.0%	250mVp-p	92.5%	244.0 x 68.0 x 38.8
HLG-240H-42A	240 Watts	42V DC 5.72A	+/- 10%	+/- 1.0%	250mVp-p	92.5%	244.0 x 68.0 x 38.8
HLG-240H-48A	240 Watts	48V DC 5.00A	+/- 10%	+/- 1.0%	250mVp-p	93.0%	244.0 x 68.0 x 38.8
HLG-240H-54A	240 Watts	54V DC 4.45A	+/- 10%	+/- 1.0%	250mVp-p	93.5%	244.0 x 68.0 x 38.8



CONSTANT CURRENT AND CONSTANT VOLTAGE LED POWER SUPPLIES FOR HARSH ENVIRONMENTS WITH PFC FROM 320 WATTS TO 600 WATTS

Universal AC input up to 305V AC full range.
Built-in PFC function and efficiency up to 96%.
IP65 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).

C Type - Terminal block for input and output connections.

D Type - IP67 rated with timer dimming function.

D2 Type - IP67 rated with timer dimming and programmable function .

Full 5 year warranty.



HLG-320H-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, UL 60950-1 (HLG-600H), EN 61347-1, EN 61347-2-13, EN 62384 (HLG-600H), PSE J61347-1, and PSE J61347-2-13 (except for HLG-320-12/15/20/24/30/36/42/48/54-C). Full data sheets are available upon request. The C Type option is only available for HLG-320H models with the D2 type only available for HLG-480H models.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
HLG-320H-12A	320 Watts	12V DC 22.00A	-15.0% to +13.3%	+/- 3.0%	150mVp-p	91.0%	252.0 x 90.0 x 43.8
HLG-320H-15A	320 Watts	15V DC 19.00A	-15.0% to +13.3%	+/- 2.0%	150mVp-p	92.5%	252.0 x 90.0 x 43.8
HLG-320H-20A	320 Watts	20V DC 15.00A	-15.0% to +13.3%	+/- 1.5%	150mVp-p	93.5%	252.0 x 90.0 x 43.8
HLG-320H-24A	320 Watts	24V DC 13.34A	-15.0% to +13.3%	+/- 1.0%	150mVp-p	94.0%	252.0 x 90.0 x 43.8
HLG-320H-30A	320 Watts	30V DC 10.70A	-15.0% to +13.3%	+/- 1.0%	200mVp-p	94.0%	252.0 x 90.0 x 43.8
HLG-320H-36A	320 Watts	36V DC 8.90A	-15.0% to +13.3%	+/- 1.0%	250mVp-p	94.5%	252.0 x 90.0 x 43.8
HLG-320H-42A	320 Watts	42V DC 7.65A	-15.0% to +13.3%	+/- 1.0%	250mVp-p	95.0%	252.0 x 90.0 x 43.8
HLG-320H-48A	320 Watts	48V DC 6.70A	-15.0% to +13.3%	+/- 1.0%	250mVp-p	95.0%	252.0 x 90.0 x 43.8
HLG-320H-54A	320 Watts	54V DC 5.95A	-15.0% to +13.3%	+/- 1.0%	350mVp-p	95.0%	252.0 x 90.0 x 43.8
HLG-480H-24A	480 Watts	24V DC 20.00A	-15.0% to +5.0%	+/- 1.0%	200mVp-p	94.0%	262.0 x 125.0 x 43.8
HLG-480H-30A	480 Watts	30V DC 16.00A	-15.0% to +5.0%	+/- 1.0%	200mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-36A	480 Watts	36V DC 13.30A	-15.0% to +5.0%	+/- 1.0%	250mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-42A	480 Watts	42V DC 11.40A	-15.0% to +5.0%	+/- 1.0%	250mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-48A	480 Watts	48V DC 10.00A	-15.0% to +5.0%	+/- 1.0%	250mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-54A	480 Watts	54V DC 8.90A	-15.0% to +5.0%	+/- 1.0%	350mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-600H-12A	600 Watts	12V DC 40.00A	-15.0% to +5.0%	+/- 3.0%	150mVp-p	92.0%	280.0 x 144.0 x 48.5
HLG-600H-15A	600 Watts	15V DC 36.00A	-15.0% to +5.0%	+/- 2.0%	150mVp-p	93.5%	280.0 x 144.0 x 48.5
HLG-600H-20A	600 Watts	20V DC 28.00A	-15.0% to +5.0%	+/- 1.5%	150mVp-p	94.5%	280.0 x 144.0 x 48.5
HLG-600H-24A	600 Watts	24V DC 25.00A	-15.0% to +5.0%	+/- 1.0%	150mVp-p	95.0%	280.0 x 144.0 x 48.5
HLG-600H-30A	600 Watts	30V DC 20.00A	-15.0% to +5.0%	+/- 1.0%	200mVp-p	95.0%	280.0 x 144.0 x 48.5
HLG-600H-36A	600 Watts	36V DC 16.70A	-15.0% to +5.0%	+/- 1.0%	250mVp-p	95.5%	280.0 x 144.0 x 48.5
HLG-600H-42A	600 Watts	42V DC 14.30A	-15.0% to +5.0%	+/- 1.0%	250mVp-p	96.0%	280.0 x 144.0 x 48.5
HLG-600H-48A	600 Watts	48V DC 12.50A	-15.0% to +5.0%	+/- 1.0%	250mVp-p	96.0%	280.0 x 144.0 x 48.5
HLG-600H-54A	600 Watts	54V DC 11.20A	-15.0% to +5.0%	+/- 1.0%	350mVp-p	96.0%	280.0 x 144.0 x 48.5