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Mean Well LED Power Supplies

Catalogue reference
EPP 1118 LED

- Constant current LED drivers
- Constant voltage LED drivers



- Dimming function LED drivers
- Models from 8W to 600W



Eastern Transformers & Equipment Ltd

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ETE are an approved National Distributor for Mean Well across the UK and have direct and exclusive access to their entire catalogue of power supplies. This catalogue will give an overview of Mean Well's most popular LED drivers from 8 Watts to 600 Watts, with output voltages from 2V DC to 100V DC and output currents from 250mA to 40A. Constant current, constant voltage, and dimming function types are available, with protection ratings up to IP67.

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Approved UK
Distributor



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- Universal AC input up to 264V AC full range.
- Fully isolated plastic case to IP42.
- Class 2 with ratings from 8 Watts to 35 Watts.
- Compact size.
- Suitable for LED lighting and moving sign applications.
- Can withstand a surge of 300V AC for 5 seconds (APC-25/35).
- UL (except APC-25-350 and APC-35-350/500) and EN (APC-8/25/35) approvals.
- CE marked.
- Full 2 year warranty.



APC-25-350

A comprehensive range of high quality and highly cost-effective constant current LED power supplies with input ranges of 90~264V AC and 127~370V DC. The models in this series are rated from 8 Watts to 35 Watts and are compact in size. These units are protected against short circuit and over voltage (except APC-8 models) and cooled by free air convection. They are suitable for LED lighting and moving sign applications can withstand a surge of 300V AC for 5 seconds without damage. The units are approved to the following safety standards: UL 8750 (except APC-25-350 and APC-35-350/500), EN 61347-1 (APC-8), EN 61347-2-13 (LVD) (APC-8), and EN 60950-1 (LVD) (APC-25/35). All types are CE marked come with a full 2 year warranty for complete peace of mind after purchase. Full datasheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
APC-8-250	8 Watt	90~264V AC 1ph 127~370V DC	16~32V DC 250mA	+/- 8%	350mV	82.5%	60.0 x 30.0 x 23.5
APC-8-350	8 Watt	90~264V AC 1ph 127~370V DC	11~23V DC 350mA	+/- 8%	300mV	81.5%	60.0 x 30.0 x 23.5
APC-8-500	8 Watt	90~264V AC 1ph 127~370V DC	8~16V DC 500mA	+/- 8%	300mV	81.0%	60.0 x 30.0 x 23.5
APC-8-700	8 Watt	90~264V AC 1ph 127~370V DC	6~11V DC 700mA	+/- 8%	250mV	80.0%	60.0 x 30.0 x 23.5
APC-12-350	12 Watt	90~264V AC 1ph 127~370V DC	9~36V DC 250mA	+/- 8%	300mV	82.0%	77.0 x 40.0 x 29.0
APC-12-700	12 Watt	90~264V AC 1ph 127~370V DC	9~18V DC 700mA	+/- 8%	250mV	80.0%	77.0 x 40.0 x 29.0
APC-16-350	16 Watt	90~264V AC 1ph 127~370V DC	12~48V DC 350mA	+/- 8%	300mV	84.0%	77.0 x 40.0 x 29.0
APC-16-700	16 Watt	90~264V AC 1ph 127~370V DC	9~24V DC 700mA	+/- 8%	250mV	83.0%	77.0 x 40.0 x 29.0
APC-25-350	25 Watt	90~264V AC 1ph 127~370V DC	25~70V DC 350mA	+/- 8%	300mV	83.0%	84.0 x 57.0 x 29.5
APC-25-500	25 Watt	90~264V AC 1ph 127~370V DC	15~50V DC 500mA	+/- 8%	300mV	83.0%	84.0 x 57.0 x 29.5
APC-25-700	25 Watt	90~264V AC 1ph 127~370V DC	11~36V DC 700mA	+/- 8%	300mV	83.0%	84.0 x 57.0 x 29.5
APC-25-1050	25 Watt	90~264V AC 1ph 127~370V DC	9~24V DC 1,050mA	+/- 8%	300mV	83.0%	84.0 x 57.0 x 29.5
APC-35-350	35 Watt	90~264V AC 1ph 127~370V DC	28~100V DC 350mA	+/- 8%	350mV	84.0%	84.0 x 57.0 x 29.5
APC-35-500	35 Watt	90~264V AC 1ph 127~370V DC	25~70V DC 500mA	+/- 8%	350mV	84.0%	84.0 x 57.0 x 29.5
APC-35-700	35 Watt	90~264V AC 1ph 127~370V DC	15~50V DC 700mA	+/- 8%	350mV	84.0%	84.0 x 57.0 x 29.5
APC-35-1050	35 Watt	90~264V AC 1ph 127~370V DC	11~33V DC 1,050mA	+/- 8%	350mV	84.0%	84.0 x 57.0 x 29.5

- Built-in active PFC function.
- Fully isolated plastic case to IP42.
- Work with leading edge and trailing edge TRIAC dimmers.
- Short circuit and over temperature protection.
- UL (PCD-16/25) and EN approvals / CE marked.
- Full 3 year warranty.

A Type: Input voltage of 90~135V AC 1ph
B Type: Input voltage of 180~295V AC 1ph



PCD-16-1400B

A comprehensive range of high quality and highly cost-effective constant current LED power supplies with an input range of 90~135V AC (A Type) or 180~295V AC (B Type). The models in this series are rated from 16 Watts to 60 Watts and feature built-in active PFC function. These units are protected against short circuit and over temperature and cooled by free air convection. They are suitable LED fixtures and appliances, such as: LED decoration and advertisement devices. The units have been subjected to 100% full load burn-in test and have been approved to the following safety standards: UL 8750 (PCD-16/25), ENEC EN 61347-1, EN 61347-2-13, and EN 62384. All types are CE marked come with a full 3 year warranty for complete peace of mind after purchase. Full datasheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
PCD-16-350A	16 Watt	90~135V AC 1ph	24~48V DC 350mA	+/- 5%	4.6V	82.0%	84.0 x 57.0 x 29.5
PCD-16-350B	16 Watt	180~295V AC 1ph	24~48V DC 350mA	+/- 5%	4.6V	82.0%	84.0 x 57.0 x 29.5
PCD-16-700A	16 Watt	90~135V AC 1ph	16~24V DC 700mA	+/- 5%	2.7V	81.0%	84.0 x 57.0 x 29.5
PCD-16-700B	16 Watt	180~295V AC 1ph	16~24V DC 700mA	+/- 5%	2.7V	81.0%	84.0 x 57.0 x 29.5
PCD-16-1050A	16 Watt	90~135V AC 1ph	12~16V DC 1,050mA	+/- 5%	2.2V	80.5%	84.0 x 57.0 x 29.5
PCD-16-1050B	16 Watt	180~295V AC 1ph	12~16V DC 1,050mA	+/- 5%	2.2V	80.5%	84.0 x 57.0 x 29.5
PCD-16-1400A	16 Watt	90~135V AC 1ph	8~12V DC 1,400mA	+/- 5%	2.0V	80.0%	84.0 x 57.0 x 29.5
PCD-16-1400B	16 Watt	180~295V AC 1ph	8~12V DC 1,400mA	+/- 5%	2.0V	80.0%	84.0 x 57.0 x 29.5
PCD-25-350A	25 Watt	90~135V AC 1ph	40~58V DC 350mA	+/- 5%	4.6V	82.0%	84.0 x 57.0 x 29.5
PCD-25-350B	25 Watt	180~295V AC 1ph	40~58V DC 350mA	+/- 5%	4.6V	82.0%	84.0 x 57.0 x 29.5
PCD-25-700A	25 Watt	90~135V AC 1ph	24~36V DC 700mA	+/- 5%	2.7V	81.0%	84.0 x 57.0 x 29.5
PCD-25-700B	25 Watt	180~295V AC 1ph	24~36V DC 700mA	+/- 5%	2.7V	81.0%	84.0 x 57.0 x 29.5
PCD-25-1050A	25 Watt	90~135V AC 1ph	16~24V DC 1,050mA	+/- 5%	2.2V	80.5%	84.0 x 57.0 x 29.5
PCD-25-1050B	25 Watt	180~295V AC 1ph	16~24V DC 1,050mA	+/- 5%	2.2V	80.5%	84.0 x 57.0 x 29.5
PCD-25-1400A	25 Watt	90~135V AC 1ph	12~18V DC 1,400mA	+/- 5%	2.0V	80.0%	84.0 x 57.0 x 29.5
PCD-25-1400B	25 Watt	180~295V AC 1ph	12~18V DC 1,400mA	+/- 5%	2.0V	80.0%	84.0 x 57.0 x 29.5
PCD-40-350A	40 Watt	90~135V AC 1ph	70~108V DC 350mA	+/- 5%	9.5V	87.0%	128.0 x 60.0 x 31.5
PCD-40-350B	40 Watt	180~295V AC 1ph	70~108V DC 350mA	+/- 5%	9.5V	87.0%	128.0 x 60.0 x 31.5
PCD-40-500A	40 Watt	90~135V AC 1ph	45~80V DC 500mA	+/- 5%	5.0V	87.0%	128.0 x 60.0 x 31.5
PCD-40-500B	40 Watt	180~295V AC 1ph	45~80V DC 500mA	+/- 5%	5.0V	87.0%	128.0 x 60.0 x 31.5
PCD-40-700A	40 Watt	90~135V AC 1ph	34~57V DC 700mA	+/- 5%	3.1V	86.0%	128.0 x 60.0 x 31.5
PCD-40-700B	40 Watt	180~295V AC 1ph	34~57V DC 700mA	+/- 5%	3.1V	86.0%	128.0 x 60.0 x 31.5
PCD-40-1050A	40 Watt	90~135V AC 1ph	22~38V DC 1,050mA	+/- 5%	2.6V	86.0%	128.0 x 60.0 x 31.5
PCD-40-1050B	40 Watt	180~295V AC 1ph	22~38V DC 1,050mA	+/- 5%	2.6V	86.0%	128.0 x 60.0 x 31.5
PCD-40-1400A	40 Watt	90~135V AC 1ph	17~29V DC 1,400mA	+/- 5%	2.5V	85.0%	128.0 x 60.0 x 31.5
PCD-40-1400B	40 Watt	180~295V AC 1ph	17~29V DC 1,400mA	+/- 5%	2.5V	85.0%	128.0 x 60.0 x 31.5
PCD-40-1750A	40 Watt	90~135V AC 1ph	13~23V DC 1,750mA	+/- 5%	2.4V	85.0%	128.0 x 60.0 x 31.5
PCD-40-1750B	40 Watt	180~295V AC 1ph	13~23V DC 1,750mA	+/- 5%	2.4V	85.0%	128.0 x 60.0 x 31.5
PCD-60-500A	60 Watt	90~135V AC 1ph	70~108V DC 500mA	+/- 5%	10.2V	87.0%	128.0 x 60.0 x 31.5
PCD-60-500B	60 Watt	180~295V AC 1ph	70~108V DC 500mA	+/- 5%	10.2V	87.0%	128.0 x 60.0 x 31.5
PCD-60-700A	60 Watt	90~135V AC 1ph	50~86V DC 700mA	+/- 5%	5.6V	86.0%	128.0 x 60.0 x 31.5
PCD-60-700B	60 Watt	180~295V AC 1ph	50~86V DC 700mA	+/- 5%	5.6V	86.0%	128.0 x 60.0 x 31.5
PCD-60-1050A	60 Watt	90~135V AC 1ph	34~57V DC 1,050mA	+/- 5%	3.8V	86.0%	128.0 x 60.0 x 31.5
PCD-60-1050B	60 Watt	180~295V AC 1ph	34~57V DC 1,050mA	+/- 5%	3.8V	86.0%	128.0 x 60.0 x 31.5
PCD-60-1400A	60 Watt	90~135V AC 1ph	25~43V DC 1,400mA	+/- 5%	3.4V	86.0%	128.0 x 60.0 x 31.5
PCD-60-1400B	60 Watt	180~295V AC 1ph	25~43V DC 1,400mA	+/- 5%	3.4V	86.0%	128.0 x 60.0 x 31.5
PCD-60-1750A	60 Watt	90~135V AC 1ph	20~34V DC 1,750mA	+/- 5%	3.3V	85.0%	128.0 x 60.0 x 31.5
PCD-60-1750B	60 Watt	180~295V AC 1ph	20~34V DC 1,750mA	+/- 5%	3.3V	85.0%	128.0 x 60.0 x 31.5
PCD-60-2000A	60 Watt	90~135V AC 1ph	18~30V DC 2,000mA	+/- 5%	2.4V	85.0%	128.0 x 60.0 x 31.5
PCD-60-2000B	60 Watt	180~295V AC 1ph	18~30V DC 2,000mA	+/- 5%	2.4V	85.0%	128.0 x 60.0 x 31.5
PCD-60-2400A	60 Watt	90~135V AC 1ph	15~25V DC 2,400mA	+/- 5%	2.4V	84.0%	128.0 x 60.0 x 31.5
PCD-60-2400B	60 Watt	180~295V AC 1ph	15~25V DC 2,400mA	+/- 5%	2.4V	84.0%	128.0 x 60.0 x 31.5

Built-in active PFC function.
 Universal AC input (up to 305V AC) full range.
 Protection against: over current, short circuit, short circuit,
 and over temperature.
 UL and EN approved / CE marked.
 Full 5 year warranty.



LPF-40D-12

Blank Type: Without dimming function
D Type: With 3-in-1 dimming function

LPF series of Class 2 constant current LED power supplies with input ranges of 90~305V AC and 127~431V DC. The models below are rated from 16 Watts to 40 Watts and are protected against over current, short circuit, overload, and over temperature. Applications include: LED lighting and moving sign applications. The LPF-25/25D/40/40D types are enclosed in a fully encapsulated IP67 case, making them suitable for indoor and outdoor use without direct sunlight exposure. The LPF-16/16D models on the other hand are IP30 protected as standard for indoor use only. The power supplies come with built-in active PFC function and are approved to the following safety standards: UL 8750, ENEC EN 61347-1, EN 61347-2-13, and EN 62384. All types are CE marked and come with a full 5 year warranty, for complete peace of mind after purchase. Full datasheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPF-16-12	16 Watt	90~305V AC 1ph 127~431V DC	12V DC 1.34A	+/- 5%	150mV	83.0%	148.0 x 40.0 x 32.0
LPF-16D-12	16 Watt	90~305V AC 1ph 127~431V DC	12V DC 1.34A	+/- 5%	150mV	83.0%	148.0 x 40.0 x 32.0
LPF-16-15	16 Watt	90~305V AC 1ph 127~431V DC	15V DC 1.07A	+/- 5%	150mV	83.0%	148.0 x 40.0 x 32.0
LPF-16D-15	16 Watt	90~305V AC 1ph 127~431V DC	15V DC 1.07A	+/- 5%	150mV	83.0%	148.0 x 40.0 x 32.0
LPF-16-20	16 Watt	90~305V AC 1ph 127~431V DC	20V DC 0.80A	+/- 5%	150mV	84.5%	148.0 x 40.0 x 32.0
LPF-16D-20	16 Watt	90~305V AC 1ph 127~431V DC	20V DC 0.80A	+/- 5%	150mV	84.5%	148.0 x 40.0 x 32.0
LPF-16-24	16 Watt	90~305V AC 1ph 127~431V DC	24V DC 0.67A	+/- 5%	150mV	84.5%	148.0 x 40.0 x 32.0
LPF-16D-24	16 Watt	90~305V AC 1ph 127~431V DC	24V DC 0.67A	+/- 5%	150mV	84.5%	148.0 x 40.0 x 32.0
LPF-16-30	16 Watt	90~305V AC 1ph 127~431V DC	30V DC 0.54A	+/- 5%	200mV	84.5%	148.0 x 40.0 x 32.0
LPF-16D-30	16 Watt	90~305V AC 1ph 127~431V DC	30V DC 0.54A	+/- 5%	200mV	84.5%	148.0 x 40.0 x 32.0
LPF-16-36	16 Watt	90~305V AC 1ph 127~431V DC	36V DC 0.45A	+/- 5%	250mV	85.0%	148.0 x 40.0 x 32.0
LPF-16D-36	16 Watt	90~305V AC 1ph 127~431V DC	36V DC 0.45A	+/- 5%	250mV	85.0%	148.0 x 40.0 x 32.0
LPF-16-42	16 Watt	90~305V AC 1ph 127~431V DC	42V DC 0.39A	+/- 5%	250mV	85.0%	148.0 x 40.0 x 32.0
LPF-16D-42	16 Watt	90~305V AC 1ph 127~431V DC	42V DC 0.39A	+/- 5%	250mV	85.0%	148.0 x 40.0 x 32.0
LPF-16-48	16 Watt	90~305V AC 1ph 127~431V DC	48V DC 0.34A	+/- 5%	250mV	85.0%	148.0 x 40.0 x 32.0
LPF-16D-48	16 Watt	90~305V AC 1ph 127~431V DC	48V DC 0.34A	+/- 5%	250mV	85.0%	148.0 x 40.0 x 32.0
LPF-16-54	16 Watt	90~305V AC 1ph 127~431V DC	54V DC 0.30A	+/- 5%	350mV	84.5%	148.0 x 40.0 x 32.0
LPF-16D-54	16 Watt	90~305V AC 1ph 127~431V DC	54V DC 0.30A	+/- 5%	350mV	84.5%	148.0 x 40.0 x 32.0
LPF-25-12	25 Watt	90~305V AC 1ph 127~431V DC	12V DC 2.10A	+/- 5%	150mV	84.0%	148.0 x 40.0 x 32.0
LPF-25D-12	25 Watt	90~305V AC 1ph 127~431V DC	12V DC 2.10A	+/- 5%	150mV	84.0%	148.0 x 40.0 x 32.0
LPF-25-15	25 Watt	90~305V AC 1ph 127~431V DC	15V DC 1.67A	+/- 5%	150mV	84.0%	148.0 x 40.0 x 32.0
LPF-25D-15	25 Watt	90~305V AC 1ph 127~431V DC	15V DC 1.67A	+/- 5%	150mV	84.0%	148.0 x 40.0 x 32.0
LPF-25-20	25 Watt	90~305V AC 1ph 127~431V DC	20V DC 1.25A	+/- 5%	150mV	85.0%	148.0 x 40.0 x 32.0
LPF-25D-20	25 Watt	90~305V AC 1ph 127~431V DC	20V DC 1.25A	+/- 5%	150mV	85.0%	148.0 x 40.0 x 32.0
LPF-25-24	25 Watt	90~305V AC 1ph 127~431V DC	24V DC 1.05A	+/- 5%	150mV	85.5%	148.0 x 40.0 x 32.0
LPF-25D-24	25 Watt	90~305V AC 1ph 127~431V DC	24V DC 1.05A	+/- 5%	150mV	85.5%	148.0 x 40.0 x 32.0
LPF-25-30	25 Watt	90~305V AC 1ph 127~431V DC	30V DC 0.84A	+/- 5%	200mV	85.5%	148.0 x 40.0 x 32.0
LPF-25D-30	25 Watt	90~305V AC 1ph 127~431V DC	30V DC 0.84A	+/- 5%	200mV	85.5%	148.0 x 40.0 x 32.0
LPF-25-36	25 Watt	90~305V AC 1ph 127~431V DC	36V DC 0.70A	+/- 5%	250mV	85.5%	148.0 x 40.0 x 32.0
LPF-25D-36	25 Watt	90~305V AC 1ph 127~431V DC	36V DC 0.70A	+/- 5%	250mV	85.5%	148.0 x 40.0 x 32.0
LPF-25-42	25 Watt	90~305V AC 1ph 127~431V DC	42V DC 0.60A	+/- 5%	250mV	85.5%	148.0 x 40.0 x 32.0
LPF-25D-42	25 Watt	90~305V AC 1ph 127~431V DC	42V DC 0.60A	+/- 5%	250mV	85.5%	148.0 x 40.0 x 32.0
LPF-25-48	25 Watt	90~305V AC 1ph 127~431V DC	48V DC 0.53A	+/- 5%	250mV	86.0%	148.0 x 40.0 x 32.0
LPF-25D-48	25 Watt	90~305V AC 1ph 127~431V DC	48V DC 0.53A	+/- 5%	250mV	86.0%	148.0 x 40.0 x 32.0
LPF-25-54	25 Watt	90~305V AC 1ph 127~431V DC	54V DC 0.47A	+/- 5%	350mV	86.0%	148.0 x 40.0 x 32.0
LPF-25D-54	25 Watt	90~305V AC 1ph 127~431V DC	54V DC 0.47A	+/- 5%	350mV	86.0%	148.0 x 40.0 x 32.0
LPF-40-12	40 Watt	90~305V AC 1ph 127~431V DC	12V DC 3.34A	+/- 5%	150mV	84.0%	162.5 x 43.0 x 32.0
LPF-40D-12	40 Watt	90~305V AC 1ph 127~431V DC	12V DC 3.34A	+/- 5%	150mV	84.0%	162.5 x 43.0 x 32.0
LPF-40-15	40 Watt	90~305V AC 1ph 127~431V DC	15V DC 2.67A	+/- 5%	150mV	85.0%	162.5 x 43.0 x 32.0
LPF-40D-15	40 Watt	90~305V AC 1ph 127~431V DC	15V DC 2.67A	+/- 5%	150mV	85.0%	162.5 x 43.0 x 32.0
LPF-40-20	40 Watt	90~305V AC 1ph 127~431V DC	20V DC 2.00A	+/- 5%	150mV	86.0%	162.5 x 43.0 x 32.0
LPF-40D-20	40 Watt	90~305V AC 1ph 127~431V DC	20V DC 2.00A	+/- 5%	150mV	86.0%	162.5 x 43.0 x 32.0
LPF-40-24	40 Watt	90~305V AC 1ph 127~431V DC	24V DC 1.67A	+/- 5%	150mV	87.0%	162.5 x 43.0 x 32.0
LPF-40D-24	40 Watt	90~305V AC 1ph 127~431V DC	24V DC 1.67A	+/- 5%	150mV	87.0%	162.5 x 43.0 x 32.0
LPF-40-30	40 Watt	90~305V AC 1ph 127~431V DC	30V DC 1.34A	+/- 5%	200mV	88.0%	162.5 x 43.0 x 32.0
LPF-40D-30	40 Watt	90~305V AC 1ph 127~431V DC	30V DC 1.34A	+/- 5%	200mV	88.0%	162.5 x 43.0 x 32.0
LPF-40-36	40 Watt	90~305V AC 1ph 127~431V DC	36V DC 1.12A	+/- 5%	250mV	88.0%	162.5 x 43.0 x 32.0
LPF-40D-36	40 Watt	90~305V AC 1ph 127~431V DC	36V DC 1.12A	+/- 5%	250mV	88.0%	162.5 x 43.0 x 32.0
LPF-40-42	40 Watt	90~305V AC 1ph 127~431V DC	42V DC 0.96A	+/- 5%	250mV	88.5%	162.5 x 43.0 x 32.0
LPF-40D-42	40 Watt	90~305V AC 1ph 127~431V DC	42V DC 0.96A	+/- 5%	250mV	88.5%	162.5 x 43.0 x 32.0
LPF-40-48	40 Watt	90~305V AC 1ph 127~431V DC	48V DC 0.84A	+/- 5%	250mV	89.0%	162.5 x 43.0 x 32.0
LPF-40D-48	40 Watt	90~305V AC 1ph 127~431V DC	48V DC 0.84A	+/- 5%	250mV	89.0%	162.5 x 43.0 x 32.0
LPF-40-54	40 Watt	90~305V AC 1ph 127~431V DC	54V DC 0.76A	+/- 5%	350mV	89.0%	162.5 x 43.0 x 32.0
LPF-40D-54	40 Watt	90~305V AC 1ph 127~431V DC	54V DC 0.76A	+/- 5%	350mV	89.0%	162.5 x 43.0 x 32.0

Built-in active PFC function.
 Universal AC input (up to 305V AC) full range.
 Protection against: over current, short circuit, short circuit,
 and over temperature.
 UL and EN approved / CE marked.
 Full 5 year warranty.



LPF-90D-24

Blank Type: Without dimming function
D Type: With 3-in-1 dimming function

LPF series of Class 2 constant current LED power supplies with input ranges of 90~305V AC and 127~431V DC. The models below are rated from 60 Watts to 90 Watts and are protected against over current, short circuit, overload, and over temperature. Applications include: LED lighting and moving sign applications in dry, damp, and wet locations. Units are enclosed in a fully encapsulated IP67 case making them suitable for indoor and outdoor use without direct sunlight exposure. The power supplies come with built-in active PFC function, with D Type models featuring built-in 3-in-1 dimming function. Units are approved to the following safety standards: UL 8750, ENEC EN 61347-1, TUV EN 61347-1, EN 61347-2-13, and EN 62384. All types are CE marked come with a full 5 year warranty, for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPF-60-12	60 Watt	90~305V AC 1ph 127~431V DC	12V DC 5.00A	+/- 5%	150mV	86.0%	162.5 x 43.0 x 32.0
LPF-60D-12	60 Watt	90~305V AC 1ph 127~431V DC	12V DC 5.00A	+/- 5%	150mV	86.0%	162.5 x 43.0 x 32.0
LPF-60-15	60 Watt	90~305V AC 1ph 127~431V DC	15V DC 4.00A	+/- 5%	150mV	87.0%	162.5 x 43.0 x 32.0
LPF-60D-15	60 Watt	90~305V AC 1ph 127~431V DC	15V DC 4.00A	+/- 5%	150mV	87.0%	162.5 x 43.0 x 32.0
LPF-60-20	60 Watt	90~305V AC 1ph 127~431V DC	20V DC 3.00A	+/- 5%	150mV	88.0%	162.5 x 43.0 x 32.0
LPF-60D-20	60 Watt	90~305V AC 1ph 127~431V DC	20V DC 3.00A	+/- 5%	150mV	88.0%	162.5 x 43.0 x 32.0
LPF-60-24	60 Watt	90~305V AC 1ph 127~431V DC	24V DC 2.50A	+/- 5%	150mV	89.0%	162.5 x 43.0 x 32.0
LPF-60D-24	60 Watt	90~305V AC 1ph 127~431V DC	24V DC 2.50A	+/- 5%	150mV	89.0%	162.5 x 43.0 x 32.0
LPF-60-30	60 Watt	90~305V AC 1ph 127~431V DC	30V DC 2.00A	+/- 5%	200mV	90.0%	162.5 x 43.0 x 32.0
LPF-60D-30	60 Watt	90~305V AC 1ph 127~431V DC	30V DC 2.00A	+/- 5%	200mV	90.0%	162.5 x 43.0 x 32.0
LPF-60-36	60 Watt	90~305V AC 1ph 127~431V DC	36V DC 1.67A	+/- 5%	250mV	90.0%	162.5 x 43.0 x 32.0
LPF-60D-36	60 Watt	90~305V AC 1ph 127~431V DC	36V DC 1.67A	+/- 5%	250mV	90.0%	162.5 x 43.0 x 32.0
LPF-60-42	60 Watt	90~305V AC 1ph 127~431V DC	42V DC 1.43A	+/- 5%	250mV	90.0%	162.5 x 43.0 x 32.0
LPF-60D-42	60 Watt	90~305V AC 1ph 127~431V DC	42V DC 1.43A	+/- 5%	250mV	90.0%	162.5 x 43.0 x 32.0
LPF-60-48	60 Watt	90~305V AC 1ph 127~431V DC	48V DC 1.25A	+/- 5%	250mV	90.0%	162.5 x 43.0 x 32.0
LPF-60D-48	60 Watt	90~305V AC 1ph 127~431V DC	48V DC 1.25A	+/- 5%	250mV	90.0%	162.5 x 43.0 x 32.0
LPF-60-54	60 Watt	90~305V AC 1ph 127~431V DC	54V DC 1.12A	+/- 5%	350mV	90.0%	162.5 x 43.0 x 32.0
LPF-60D-54	60 Watt	90~305V AC 1ph 127~431V DC	54V DC 1.12A	+/- 5%	350mV	90.0%	162.5 x 43.0 x 32.0
LPF-90-15	90 Watt	90~305V AC 1ph 127~431V DC	15V DC 5.00A	+/- 5%	150mV	89.0%	161.0 x 61.0 x 36.0
LPF-90D-15	90 Watt	90~305V AC 1ph 127~431V DC	15V DC 5.00A	+/- 5%	150mV	89.0%	161.0 x 61.0 x 36.0
LPF-90-20	90 Watt	90~305V AC 1ph 127~431V DC	20V DC 4.50A	+/- 5%	150mV	89.5%	161.0 x 61.0 x 36.0
LPF-90D-20	90 Watt	90~305V AC 1ph 127~431V DC	20V DC 4.50A	+/- 5%	150mV	89.5%	161.0 x 61.0 x 36.0
LPF-90-24	90 Watt	90~305V AC 1ph 127~431V DC	24V DC 3.75A	+/- 5%	150mV	90.0%	161.0 x 61.0 x 36.0
LPF-90D-24	90 Watt	90~305V AC 1ph 127~431V DC	24V DC 3.75A	+/- 5%	150mV	90.0%	161.0 x 61.0 x 36.0
LPF-90-30	90 Watt	90~305V AC 1ph 127~431V DC	30V DC 3.00A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90D-30	90 Watt	90~305V AC 1ph 127~431V DC	30V DC 3.00A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90-36	90 Watt	90~305V AC 1ph 127~431V DC	36V DC 2.50A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90D-36	90 Watt	90~305V AC 1ph 127~431V DC	36V DC 2.50A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90-42	90 Watt	90~305V AC 1ph 127~431V DC	42V DC 2.15A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90D-42	90 Watt	90~305V AC 1ph 127~431V DC	42V DC 2.15A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90-48	90 Watt	90~305V AC 1ph 127~431V DC	48V DC 1.88A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90D-48	90 Watt	90~305V AC 1ph 127~431V DC	48V DC 1.88A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90-54	90 Watt	90~305V AC 1ph 127~431V DC	54V DC 1.67A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0
LPF-90D-54	90 Watt	90~305V AC 1ph 127~431V DC	54V DC 1.67A	+/- 5%	200mV	90.5%	161.0 x 61.0 x 36.0

LPHC series of LED power supplies.
Fully encapsulated case to IP67.
Suitable for indoor and outdoor use.
Class 2 and rated at 18 Watts.
Suitable for LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays.
Designed to UL, TUV, and EN standards.
CE marked.
Full 2 year warranty.



LPHC-18-700

LPHC series of high quality and highly cost-effective constant current LED power supplies with an input ranges of 180~264V AC. The models in this series are rated at 18 Watts and are protected against short circuit, over voltage, and over temperature. They are a Class 2 power unit and cooled by free air convection. Models are suitable for a number of applications such as LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays. Both units are enclosed in a fully encapsulated IP67 case making them suitable for indoor and outdoor use without direct sunlight exposure. They are designed to UL 1310 and TUV EN 60950-1 safety standards and are CE marked. Both varieties come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPHC-18-700	18 Watt	180~264V AC 1ph	6~48V DC 350mA	+/- 8%	300mV	82.0%	140 x 30 x 22
LPHC-18-350	18 Watt	180~264V AC 1ph	6~25V DC 700mA	+/- 8%	250mV	80.0%	140 x 30 x 22

LPC series of LED power supplies.
Fully encapsulated case to IP67.
Suitable for indoor and outdoor use.
Class 2 with ratings from 20 Watts to 35 Watts.
Suitable for LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays.
UL, TUV (LPC-20), and EN (LPC-20) approvals.
CE marked.
Full 2 year warranty.



LPC-20-350

LPC series of high quality and highly cost-effective constant current LED power supplies with input ranges of 180~264V AC. The models below are rated from 20W to 35W and can withstand a surge of 300V AC for 5 seconds without damage. These units are protected against short circuit and over voltage and cooled by free air convection. They are suitable for a number of applications such as LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays. All units are enclosed in a fully encapsulated IP67 case making them suitable for indoor and outdoor use without direct sunlight exposure. Models are approved to the following safety standards: UL 1310, UL 879 (LPC-20), and TUV EN 60950-1 (LPC-20). All types are CE marked come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPC-20-350	20 Watt	90~264V AC 1ph	9~48V DC 350mA	+/- 5%	200mV	83.0%	118 x 35 x 26
LPC-20-700	20 Watt	90~264V AC 1ph	9~30V DC 700mA	+/- 5%	200mV	83.0%	118 x 35 x 26
LPC-35-700	35 Watt	90~264V AC 1ph	9~48V DC 700mA	+/- 5%	200mV	85.0%	148 x 40 x 30
LPC-35-1050	35 Watt	90~264V AC 1ph	9~30V DC 1,050mA	+/- 5%	200mV	85.0%	148 x 40 x 30
LPC-35-1400	35 Watt	90~264V AC 1ph	9~24V DC 1,400mA	+/- 5%	200mV	85.0%	148 x 40 x 30

LPC series of constant current LED power supplies.
 Fully encapsulated case to IP67.
 Suitable for indoor and outdoor use.
 Class 2 (LPC-60) with ratings from 20W to 35W.
 High efficiency up to 90%.
 Suitable for LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays.
 UL (LPC-60), and EN (LPC-100/150) approvals.
 CE marked.
 Full 2 year warranty.



LPC-60-1050

A comprehensive range of high quality and highly cost-effective constant current LED power supplies with input ranges of 90~264V AC and 127~370V DC. The models below are rated from 60 Watts to 150 Watts and can withstand a surge of 300V AC for 5 seconds without damage (LPC-60/100). These units are protected against short circuit, over voltage, and over temperature (LPC-150) and cooled by free air convection. They are suitable for a number of applications such as LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays. All units are enclosed in a fully encapsulated IP67 case making them suitable for indoor and outdoor use without direct sunlight exposure. Models are approved to the following safety standards: UL 1310 (LPC-60) and EN 60950-1 (LVD) (LPC-100/150). All types are CE marked come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPC-60-1050	60 Watt	90~264V AC 1ph 127~370V DC	9~48V DC 1,050mA	+/- 5%	200mV	87.0%	162.5 x 42.5 x 32.0
LPC-60-1400	60 Watt	90~264V AC 1ph 127~370V DC	9~42V DC 1,400mA	+/- 5%	200mV	85.0%	162.5 x 42.5 x 32.0
LPC-60-1750	60 Watt	90~264V AC 1ph 127~370V DC	9~34V DC 1,750mA	+/- 5%	200mV	87.0%	162.5 x 42.5 x 32.0
LPC-100-350	100 Watt	90~264V AC 1ph 127~370V DC	143~286V DC 350mA	+/- 5%	1.5V	90.0%	190.0 x 52.0 x 37.0
LPC-100-500	100 Watt	90~264V AC 1ph 127~370V DC	100~200V DC 500mA	+/- 5%	1.5V	90.0%	190.0 x 52.0 x 37.0
LPC-100-700	100 Watt	90~264V AC 1ph 127~370V DC	72~143V DC 700mA	+/- 5%	1.0V	90.0%	190.0 x 52.0 x 37.0
LPC-100-1050	100 Watt	90~264V AC 1ph 127~370V DC	48~96V DC 1,050mA	+/- 5%	1.0V	90.0%	190.0 x 52.0 x 37.0
LPC-100-1400	100 Watt	90~264V AC 1ph 127~370V DC	36~72V DC 1,400mA	+/- 5%	1.0V	89.5%	190.0 x 52.0 x 37.0
LPC-100-1750	100 Watt	90~264V AC 1ph 127~370V DC	29~58V DC 1,750mA	+/- 5%	1.0V	89.5%	190.0 x 52.0 x 37.0
LPC-100-2100	100 Watt	90~264V AC 1ph 127~370V DC	24~48V DC 2,100mA	+/- 5%	1.0V	89.0%	190.0 x 52.0 x 37.0
LPC-150-350	150 Watt	180~305V AC 1ph 254~431V DC	215~430V DC 350mA	+/- 5%	2.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-500	150 Watt	180~305V AC 1ph 254~431V DC	150~300V DC 500mA	+/- 5%	1.5V	90.0%	191.0 x 63.0 x 37.5
LPC-150-700	150 Watt	180~305V AC 1ph 254~431V DC	107~215V DC 700mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-1050	150 Watt	180~305V AC 1ph 254~431V DC	74~148V DC 1,050mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-1400	150 Watt	180~305V AC 1ph 254~431V DC	54~108V DC 1,400mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-1750	150 Watt	180~305V AC 1ph 254~431V DC	43~86V DC 1,750mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-2100	150 Watt	180~305V AC 1ph 254~431V DC	36~72V DC 2,100mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-2450	150 Watt	180~305V AC 1ph 254~431V DC	31~62V DC 2,450mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-2800	150 Watt	180~305V AC 1ph 254~431V DC	27~54V DC 2,800mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5
LPC-150-3150	150 Watt	180~305V AC 1ph 254~431V DC	24~48V DC 3,150mA	+/- 5%	1.0V	90.0%	191.0 x 63.0 x 37.5

- Constant current LED power supplies.
- Built-in active PFC function.
- Universal AC input (up to 295V AC) full range.
- Fully isolated plastic case to IP64.
- User adjustable output voltage (except PLN-20) and current protection level.
- UL and EN approved / CE marked.
- Full 2 year warranty.



PLN-45-24

PLN series of Class 2 constant current LED power supplies with input ranges of 90~277V AC and 127~392V DC (PLN-20) or 90~295V AC and 127~417V DC (PLN-30/45/60/100). The models below are rated from 20 Watts to 100 Watts and are protected against over current, short circuit, over voltage, and over temperature. Applications include: LED lighting and moving sign applications. Units are enclosed in a fully isolated plastic case to IP64, making them suitable for indoor and outdoor use. The power supplies come with built-in active PFC function and are approved to the following safety standards: TUV EN 61347-1, EN 61347-2-13, UL 8750 (PLN-20/45/60), UL 879, and UL 1310 (PLN-30/45/60/100). All types are CE marked and come with a full 2 year warranty complete peace of mind after purchase. Full datasheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output Current	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
PLN-20-12	20 Watt	90~277V AC 1ph 127~392V DC	12.0V DC 1.60A	+/- 10%	2.5V	80.0%	148.5 x 38.5 x 28.0
PLN-20-18	20 Watt	90~277V AC 1ph 127~392V DC	18.0V DC 1.10A	+/- 10%	3.0V	81.0%	148.5 x 38.5 x 28.0
PLN-20-24	20 Watt	90~277V AC 1ph 127~392V DC	24.0V DC 0.80A	+/- 10%	3.0V	82.0%	148.5 x 38.5 x 28.0
PLN-20-36	20 Watt	90~277V AC 1ph 127~392V DC	36.0V DC 0.55A	+/- 10%	3.0V	83.0%	148.5 x 38.5 x 28.0
PLN-20-48	20 Watt	90~277V AC 1ph 127~392V DC	48.0V DC 0.32A	+/- 10%	3.8V	83.5%	148.5 x 38.5 x 28.0
PLN-30-9	30 Watt	90~295V AC 1ph 127~417V DC	9.0V DC 3.30A	+/- 10%	2.6V	80.0%	145.0 x 47.0 x 30.0
PLN-30-12	30 Watt	90~295V AC 1ph 127~417V DC	12.0V DC 2.50A	+/- 10%	2.0V	82.5%	145.0 x 47.0 x 30.0
PLN-30-15	30 Watt	90~295V AC 1ph 127~417V DC	15.0V DC 2.00A	+/- 10%	2.6V	83.5%	145.0 x 47.0 x 30.0
PLN-30-20	30 Watt	90~295V AC 1ph 127~417V DC	20.0V DC 1.50A	+/- 10%	2.6V	84.0%	145.0 x 47.0 x 30.0
PLN-30-24	30 Watt	90~295V AC 1ph 127~417V DC	24.0V DC 1.25A	+/- 10%	2.6V	84.0%	145.0 x 47.0 x 30.0
PLN-30-27	30 Watt	90~295V AC 1ph 127~417V DC	27.0V DC 1.12A	+/- 10%	2.3V	84.5%	145.0 x 47.0 x 30.0
PLN-30-36	30 Watt	90~295V AC 1ph 127~417V DC	36.0V DC 0.84A	+/- 10%	4.5V	85.0%	145.0 x 47.0 x 30.0
PLN-30-48	30 Watt	90~295V AC 1ph 127~417V DC	48.0V DC 0.63A	+/- 10%	3.7V	85.5%	145.0 x 47.0 x 30.0
PLN-45-12	45 Watt	90~295V AC 1ph 127~417V DC	12.0V DC 3.80A	+/- 10%	2.0V	83.5%	181.0 x 61.5 x 35.0
PLN-45-15	45 Watt	90~295V AC 1ph 127~417V DC	15.0V DC 3.00A	+/- 10%	2.4V	85.0%	181.0 x 61.5 x 35.0
PLN-45-20	45 Watt	90~295V AC 1ph 127~417V DC	20.0V DC 2.30A	+/- 10%	1.8V	86.5%	181.0 x 61.5 x 35.0
PLN-45-24	45 Watt	90~295V AC 1ph 127~417V DC	24.0V DC 1.90A	+/- 10%	2.7V	86.5%	181.0 x 61.5 x 35.0
PLN-45-27	45 Watt	90~295V AC 1ph 127~417V DC	27.0V DC 1.70A	+/- 10%	2.7V	86.5%	181.0 x 61.5 x 35.0
PLN-45-36	45 Watt	90~295V AC 1ph 127~417V DC	36.0V DC 1.25A	+/- 10%	3.6V	87.5%	181.0 x 61.5 x 35.0
PLN-45-48	45 Watt	90~295V AC 1ph 127~417V DC	48.0V DC 0.95A	+/- 10%	4.6V	87.5%	181.0 x 61.5 x 35.0
PLN-60-12	60 Watt	90~295V AC 1ph 127~417V DC	12.0V DC 5.00A	+/- 10%	2.0V	85.0%	181.0 x 61.5 x 35.0
PLN-60-15	60 Watt	90~295V AC 1ph 127~417V DC	15.0V DC 4.00A	+/- 10%	2.4V	86.0%	181.0 x 61.5 x 35.0
PLN-60-20	60 Watt	90~295V AC 1ph 127~417V DC	20.0V DC 3.00A	+/- 10%	1.8V	87.5%	181.0 x 61.5 x 35.0
PLN-60-24	60 Watt	90~295V AC 1ph 127~417V DC	24.0V DC 2.50A	+/- 10%	2.7V	87.0%	181.0 x 61.5 x 35.0
PLN-60-27	60 Watt	90~295V AC 1ph 127~417V DC	27.0V DC 2.30A	+/- 10%	2.7V	88.0%	181.0 x 61.5 x 35.0
PLN-60-36	60 Watt	90~295V AC 1ph 127~417V DC	36.0V DC 1.70A	+/- 10%	3.6V	89.0%	181.0 x 61.5 x 35.0
PLN-60-48	60 Watt	90~295V AC 1ph 127~417V DC	48.0V DC 1.30A	+/- 10%	4.6V	89.0%	181.0 x 61.5 x 35.0
PLN-100-12	100 Watt	90~295V AC 1ph 127~417V DC	12.0V DC 5.00A	+/- 3%	150mV	83.0%	200.0 x 70.5 x 35.0
PLN-100-15	100 Watt	90~295V AC 1ph 127~417V DC	15.0V DC 5.00A	+/- 3%	150mV	85.0%	200.0 x 70.5 x 35.0
PLN-100-20	100 Watt	90~295V AC 1ph 127~417V DC	20.0V DC 4.80A	+/- 3%	150mV	88.5%	200.0 x 70.5 x 35.0
PLN-100-24	100 Watt	90~295V AC 1ph 127~417V DC	24.0V DC 4.00A	+/- 3%	150mV	88.5%	200.0 x 70.5 x 35.0
PLN-100-27	100 Watt	90~295V AC 1ph 127~417V DC	27.0V DC 3.55A	+/- 3%	150mV	88.0%	200.0 x 70.5 x 35.0
PLN-100-36	100 Watt	90~295V AC 1ph 127~417V DC	36.0V DC 2.65A	+/- 3%	150mV	88.0%	200.0 x 70.5 x 35.0
PLN-100-48	100 Watt	90~295V AC 1ph 127~417V DC	48.0V DC 2.00A	+/- 3%	200mV	88.5%	200.0 x 70.5 x 35.0

LCM series of constant current LED power supplies with PFC.
 Ratings from 25 Watts to 60 Watts.
 High efficiency up to 92%.
 Multi-stage output current level selectable by DIP switch.
 Full 3 year warranty.



LCM-25DA

Blank Type: Built-in 3-in-1 dimming function: 0~10V DC, PWM, or resistance signal dimming

DA Type - DALI interface and push dimming function

LCM series of constant current LED power supplies with input ranges of 180~295V AC and 254~417V DC. The models in this series are rated from 25 Watts to 60 Watts and have multi-stage output current selectable by a DIP switch. Units are protected against short circuit, over voltage (LCM-40/40DA/60/60DA), and over temperature and are cooled by free air convection. All types are suitable for a number of applications such as LED indoor, office, architectural, and panel lighting. Built-in PFC function comes as standard and units are high in efficiency being up to 92% efficient. Models either come with 3-in-1 dimming function or DALI interface and push dimming function model depending. They are approved to the following safety standards: UL 8750, ENEC EN 61347-1, EN 61347-2-13, EN 62384, GB 19510.14, and GB 19510.1. All types are CE marked come with a full 3 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

*Factory Setting

Reference	Wattage	Input Voltage	Output Current Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LCM-25 / LCM-25DA	25 Watt	180~277V AC 1ph 254~392V DC	+/- 5%	400mV	86%	105.0 x 68.0 x 23.0

Output Voltage / Current	DIP Switch (1)	DIP Switch (2)	DIP Switch (3)	DIP Switch (4)	DIP Switch (5)	DIP Switch (6)
6~54V DC 350mA	-	-	-	-	-	-
6~50V DC 500mA	ON	-	-	-	-	-
6~42V DC 600mA	ON	ON	-	-	-	-
6~36V DC 700mA*	ON	ON	ON	-	-	ON
6~28V DC 900mA	ON	ON	ON	ON	-	-
6~24V DC 1,050mA	ON	ON	ON	ON	ON	ON

Reference	Wattage	Input Voltage	Output Current Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LCM-40 / LCM-40DA	40 Watt	180~295V AC 1ph 254~417V DC	+/- 5%	700mV	91%	123.5 x 81.5 x 23.0

Output Voltage / Current	DIP Switch (1)	DIP Switch (2)	DIP Switch (3)	DIP Switch (4)	DIP Switch (5)	DIP Switch (6)
2~100V DC 350mA	-	-	-	-	-	-
2~80V DC 500mA	ON	-	-	-	-	-
2~67V DC 600mA	ON	ON	-	-	-	-
2~57V DC 700mA*	ON	ON	ON	-	-	ON
2~45V DC 900mA	ON	ON	ON	ON	-	-
2~40V DC 1,050mA	ON	ON	ON	ON	ON	ON

Reference	Wattage	Input Voltage	Output Current Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LCM-60 / LCM-60DA	60 Watt	180~295V AC 1ph 254~417V DC	+/- 5%	700mV	92%	123.5 x 81.5 x 23.0

Output Voltage / Current	DIP Switch (1)	DIP Switch (2)	DIP Switch (3)	DIP Switch (4)	DIP Switch (5)	DIP Switch (6)
2~90V DC 500mA	-	-	-	-	-	-
2~90V DC 600mA	ON	-	-	-	-	-
2~86V DC 700mA	ON	ON	-	-	-	-
2~67V DC 900mA*	ON	ON	ON	-	-	ON
2~57V DC 1,050mA	ON	ON	ON	ON	-	-
2~42V DC 1,400mA	ON	ON	ON	ON	ON	ON

- Universal AC input up to 264V AC full range.
- Fully isolated plastic case to IP42.
- Class 2 with ratings from 8 Watts to 35 Watts.
- Compact size.
- Suitable for LED lighting and moving sign applications.
- Can withstand a surge of 300V AC for 5 seconds (APV-25/35).
- UL and EN approvals.
- CE marked.
- Full 2 year warranty.



APV-12-12

A comprehensive range of high quality and highly cost-effective constant voltage LED power supplies with input ranges of 90~264V AC and 127~370V DC. The models in this series are rated from 8 Watts to 35 Watts and are compact in size. These units are protected against short circuit, overload, and over voltage and cooled by free air convection. They are suitable for LED lighting and moving sign applications can withstand a surge of 300V AC for 5 seconds without damage. The units are approved to the following safety standards: UL 8750, EN 61347-1 (APV-8), EN 61347-2-13 (LVD) (APV-8), ENEC EN 61347-1 (APV-12/16), ENEC EN 61347-2-13 (APV-12/16), EN 62384 (APV-12/16), EN 60950-1 (LVD) (APV-25/35), IEC 61347-1 (APV-12/16), IEC 61347-2-13 (APV-12/16), and IEC 60950-1 (APV-12/16). All types are CE marked come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
APV-8-5	8 Watt	90~264V AC 1ph 127~370V DC	5V DC 1.40A	+/- 5%	250mV	74.0%	60.0 x 30.0 x 23.5
APV-8-12	8 Watt	90~264V AC 1ph 127~370V DC	12V DC 0.67A	+/- 5%	250mV	80.0%	60.0 x 30.0 x 23.5
APV-8-24	8 Watt	90~264V AC 1ph 127~370V DC	24V DC 0.34A	+/- 5%	300mV	81.0%	60.0 x 30.0 x 23.5
APV-12-5	12 Watt	90~264V AC 1ph 127~370V DC	5V DC 2.00A	+/- 5%	100mV	76.0%	77.0 x 40.0 x 29.0
APV-12-12	12 Watt	90~264V AC 1ph 127~370V DC	12V DC 1.00A	+/- 5%	120mV	82.0%	77.0 x 40.0 x 29.0
APV-12-15	12 Watt	90~264V AC 1ph 127~370V DC	15V DC 0.80A	+/- 5%	120mV	82.0%	77.0 x 40.0 x 29.0
APV-12-24	12 Watt	90~264V AC 1ph 127~370V DC	24V DC 0.50A	+/- 5%	150mV	84.0%	77.0 x 40.0 x 29.0
APV-16-5	16 Watt	90~264V AC 1ph 127~370V DC	5V DC 2.60A	+/- 5%	100mV	76.0%	77.0 x 40.0 x 29.0
APV-16-12	16 Watt	90~264V AC 1ph 127~370V DC	12V DC 1.25A	+/- 5%	120mV	80.0%	77.0 x 40.0 x 29.0
APV-16-15	16 Watt	90~264V AC 1ph 127~370V DC	15V DC 1.00A	+/- 5%	120mV	81.0%	77.0 x 40.0 x 29.0
APV-16-24	16 Watt	90~264V AC 1ph 127~370V DC	24V DC 0.67A	+/- 5%	150mV	83.0%	77.0 x 40.0 x 29.0
APV-25-5	25 Watt	90~264V AC 1ph 127~370V DC	5V DC 3.50A	+/- 5%	120mV	75.5%	84.0 x 57.0 x 29.5
APV-25-12	25 Watt	90~264V AC 1ph 127~370V DC	12V DC 2.10A	+/- 5%	150mV	82.0%	84.0 x 57.0 x 29.5
APV-25-15	25 Watt	90~264V AC 1ph 127~370V DC	15V DC 1.68A	+/- 5%	150mV	83.0%	84.0 x 57.0 x 29.5
APV-25-24	25 Watt	90~264V AC 1ph 127~370V DC	24V DC 1.05A	+/- 5%	150mV	83.0%	84.0 x 57.0 x 29.5
APV-25-36	25 Watt	90~264V AC 1ph 127~370V DC	36V DC 0.70A	+/- 5%	150mV	84.0%	84.0 x 57.0 x 29.5
APV-35-5	35 Watt	90~264V AC 1ph 127~370V DC	5V DC 5.00A	+/- 5%	120mV	76.5%	84.0 x 57.0 x 29.5
APV-35-12	35 Watt	90~264V AC 1ph 127~370V DC	12V DC 3.00A	+/- 5%	150mV	83.0%	84.0 x 57.0 x 29.5
APV-35-15	35 Watt	90~264V AC 1ph 127~370V DC	15V DC 2.40A	+/- 5%	150mV	84.0%	84.0 x 57.0 x 29.5
APV-35-24	35 Watt	90~264V AC 1ph 127~370V DC	24V DC 1.50A	+/- 5%	180mV	84.0%	84.0 x 57.0 x 29.5
APV-35-36	35 Watt	90~264V AC 1ph 127~370V DC	36V DC 1.00A	+/- 5%	180mV	85.0%	84.0 x 57.0 x 29.5

LPH series of LED power supplies.
Fully encapsulated case to IP67.
Suitable for indoor and outdoor use.
Class 2 and rated at 18 Watts.
Suitable for LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays.
TUV EN 60950-1 approved.
CE marked.
Full 2 year warranty.



LPH-18-24

LPH series of high quality and highly cost-effective constant voltage LED power supplies with an input ranges of 180~264V AC. The models in this series are rated at 18 Watts and are protected against over voltage, short circuit, overload, and over temperature. They are a Class 2 power unit and cooled by free air convection. Models are suitable for a number of applications such as LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays. All units are enclosed in a fully encapsulated IP67 case making them suitable for indoor and outdoor use without direct sunlight exposure. They are approved to TUV EN 60950-1 safety standards and are CE marked. Both varieties come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPH-18-12	18 Watt	180~264V AC 1ph	12V DC 1.50A	+/- 3%	120mV	77%	140 x 30 x 22
LPH-18-24	18 Watt	180~264V AC 1ph	24V DC 0.75A	+/- 3%	150mV	82%	140 x 30 x 22
LPH-18-36	18 Watt	180~264V AC 1ph	36V DC 0.50A	+/- 3%	200mV	83%	140 x 30 x 22

LPV series of LED power supplies.
Fully encapsulated case to IP67.
Suitable for indoor and outdoor use.
Class 2 and rated from 20 Watts to 35 Watts
Suitable for LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays.
UL, TUV (LPV-20), and EN (LPV-20) approved.
CE marked.
Full 2 year warranty.



LPV-60-12

A comprehensive range of high quality and highly cost-effective constant voltage LED power supplies with input ranges of 90~264V AC. The models below are rated from 20W to 35W and can withstand a surge of 300V AC for 5 seconds without damage. These units are protected against overload, short circuit, and over voltage and cooled by free air convection. They are suitable for a number of applications such as LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays. All units are enclosed in a fully encapsulated IP67 case making them suitable for indoor and outdoor use without direct sunlight exposure. Models are approved to the following safety standards: TUV EN 60950-1 (LPV-20), UL 879 (LPV-20), UL 1310, and IEC 60950-1 (LPV-35). All types are CE marked come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPV-20-5	20 Watt	90~264V AC 1ph	5V DC 3.00A	+/- 5%	80mV	77%	118 x 35 x 26
LPV-20-12	20 Watt	90~264V AC 1ph	12V DC 1.67A	+/- 5%	120mV	81%	118 x 35 x 26
LPV-20-15	20 Watt	90~264V AC 1ph	15V DC 1.33A	+/- 5%	120mV	83%	118 x 35 x 26
LPV-20-24	20 Watt	90~264V AC 1ph	24V DC 0.84A	+/- 5%	150mV	83%	118 x 35 x 26
LPV-35-5	35 Watt	90~264V AC 1ph	5V DC 5.00A (6.00A peak)	+/- 6%	80mV	77%	148 x 40 x 30
LPV-35-12	35 Watt	90~264V AC 1ph	12V DC 3.00A	+/- 5%	120mV	84%	148 x 40 x 30
LPV-35-15	35 Watt	90~264V AC 1ph	15V DC 2.40A	+/- 5%	120mV	84%	148 x 40 x 30
LPV-35-24	35 Watt	90~264V AC 1ph	24V DC 1.50A	+/- 5%	150mV	85%	148 x 40 x 30
LPV-35-36	35 Watt	90~264V AC 1ph	36V DC 1.00A	+/- 5%	150mV	85%	148 x 40 x 30

LPV series of constant voltage LED power supplies.
 Fully encapsulated case to IP67.
 Suitable for indoor and outdoor use.
 Ratings from 60 Watts to 150 Watts.
 High efficiency up to 90%.
 Suitable for LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays.
 UL approved (except LPV-60-5).
 CE marked.
 Full 2 year warranty.



LPV-150-12

A comprehensive range of high quality and highly cost-effective constant voltage LED power supplies with input ranges of 90~264V AC and 127~370V DC (LPV-60/100) or 180~305V AC and 254~431V DC (LPV-150). The models below are rated from 60 Watts to 150 Watts and can withstand a surge of 300V AC for 5 seconds without damage (LPV-60/100). These units are protected against over voltage, short circuit, overload, and over temperature (LPV-150) and cooled by free air convection. They are suitable for a number of applications such as LED-based decorative and architectural lighting, LED stage and theatre lighting, and LED electronic displays. All units are enclosed in a fully encapsulated IP67 case making them suitable for indoor and outdoor use without direct sunlight exposure. Models are approved to the following safety standards: UL 879 (except LPV-60-5), UL 1310 (LPV-60-12/15/24/36/48), and UL 8750 (LPV-100/150). All types are CE marked come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
LPV-60-5	60 Watt	90~264V AC 1ph 127~370V DC	5V DC 8.00A	+/- 8%	80mV	76%	162.5 x 42.5 x 32.0
LPV-60-12	60 Watt	90~264V AC 1ph 127~370V DC	12V DC 5.00A	+/- 5%	120mV	83%	162.5 x 42.5 x 32.0
LPV-60-15	60 Watt	90~264V AC 1ph 127~370V DC	15V DC 4.00A	+/- 5%	120mV	83%	162.5 x 42.5 x 32.0
LPV-60-24	60 Watt	90~264V AC 1ph 127~370V DC	24V DC 2.50A	+/- 5%	150mV	86%	162.5 x 42.5 x 32.0
LPV-60-36	60 Watt	90~264V AC 1ph 127~370V DC	36V DC 1.67A	+/- 5%	150mV	86%	162.5 x 42.5 x 32.0
LPV-60-48	60 Watt	90~264V AC 1ph 127~370V DC	48V DC 1.25A	+/- 5%	150mV	86%	162.5 x 42.5 x 32.0
LPV-100-5	100 Watt	90~264V AC 1ph 127~370V DC	5V DC 12.00A	+/- 8%	80mV	80%	190.0 x 52.0 x 37.0
LPV-100-12	100 Watt	90~264V AC 1ph 127~370V DC	12V DC 8.50A	+/- 5%	120mV	85%	190.0 x 52.0 x 37.0
LPV-100-15	100 Watt	90~264V AC 1ph 127~370V DC	15V DC 6.70A	+/- 5%	120mV	87%	190.0 x 52.0 x 37.0
LPV-100-24	100 Watt	90~264V AC 1ph 127~370V DC	24V DC 4.20A	+/- 5%	150mV	88%	190.0 x 52.0 x 37.0
LPV-100-36	100 Watt	90~264V AC 1ph 127~370V DC	36V DC 2.80A	+/- 5%	150mV	88%	190.0 x 52.0 x 37.0
LPV-100-48	100 Watt	90~264V AC 1ph 127~370V DC	48V DC 2.10A	+/- 5%	150mV	89%	190.0 x 52.0 x 37.0
LPV-150-12	150 Watt	180~305V AC 1ph 254~431V DC	12V DC 10.00A	+/- 5%	200mV	87%	191.0 x 63.0 x 37.5
LPV-150-15	150 Watt	180~305V AC 1ph 254~431V DC	15V DC 8.00A	+/- 5%	200mV	88%	191.0 x 63.0 x 37.5
LPV-150-24	150 Watt	180~305V AC 1ph 254~431V DC	24V DC 6.30A	+/- 5%	200mV	89%	191.0 x 63.0 x 37.5
LPV-150-36	150 Watt	180~305V AC 1ph 254~431V DC	36V DC 4.20A	+/- 5%	200mV	89%	191.0 x 63.0 x 37.5
LPV-150-48	150 Watt	180~305V AC 1ph 254~431V DC	48V DC 3.20A	+/- 5%	200mV	90%	191.0 x 63.0 x 37.5

Constant current (PLC-30/45/60) and constant current / voltage (PLC-100) LED power supplies.
 Ratings from 30 Watts to 100 Watts.
 Universal AC input (up to 264V AC) full range.
 Suitable for LED lighting and moving sign applications.
 Cooling by free air convection.
 UL, TUV, and EN approved.
 CE marked.
 Full 2 year warranty.



PLC-30-24

A comprehensive range of high quality and highly cost-effective constant current LED power supplies (PLC-30/45/60) / constant current and constant voltage LED power supplies (PLC-100) with input ranges of 90~264V AC and 127~370V DC. The models below are rated from 30 Watts to 100 Watts and have built-in active PFC function. These units are protected against over voltage, short circuit, over current, and over temperature and cooled by free air convection. They are suitable for a number of applications such as LED lighting and moving sign applications and have been subjected to a 100% full load burn-in test. Models are approved to the following safety standards: UL 1310, TUV EN 61347-1, EN 61347-2-13, and EN 61000-4-2/3/4/5/6/8/11 (PLC-100). All types are CE marked come with a full 2 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
PLC-30-9	30 Watt	90~264V AC 1ph 127~370V DC	9.0V DC 3.30A	+/- 10%	2.6V	80.0%	160.0 x 46.0 x 30.0
PLC-30-12	30 Watt	90~264V AC 1ph 127~370V DC	12.0V DC 2.50A	+/- 10%	2.0V	82.5%	160.0 x 46.0 x 30.0
PLC-30-15	30 Watt	90~264V AC 1ph 127~370V DC	15.0V DC 2.00A	+/- 10%	2.6V	83.5%	160.0 x 46.0 x 30.0
PLC-30-20	30 Watt	90~264V AC 1ph 127~370V DC	20.0V DC 1.50A	+/- 10%	2.6V	84.0%	160.0 x 46.0 x 30.0
PLC-30-24	30 Watt	90~264V AC 1ph 127~370V DC	24.0V DC 1.25A	+/- 10%	2.4V	84.0%	160.0 x 46.0 x 30.0
PLC-30-27	30 Watt	90~264V AC 1ph 127~370V DC	27.0V DC 1.12A	+/- 10%	2.3V	84.5%	160.0 x 46.0 x 30.0
PLC-30-36	30 Watt	90~264V AC 1ph 127~370V DC	36.0V DC 0.84A	+/- 10%	3.6V	85.0%	160.0 x 46.0 x 30.0
PLC-30-48	30 Watt	90~264V AC 1ph 127~370V DC	48.0V DC 0.63A	+/- 10%	3.7V	85.5%	160.0 x 46.0 x 30.0
PLC-45-12	45 Watt	90~264V AC 1ph 127~370V DC	12.0V DC 3.80A	+/- 10%	2.0V	83.5%	181.5 x 62.0 x 35.0
PLC-45-15	45 Watt	90~264V AC 1ph 127~370V DC	15.0V DC 3.00A	+/- 10%	2.4V	85.0%	181.5 x 62.0 x 35.0
PLC-45-20	45 Watt	90~264V AC 1ph 127~370V DC	20.0V DC 2.30A	+/- 10%	1.8V	86.5%	181.5 x 62.0 x 35.0
PLC-45-24	45 Watt	90~264V AC 1ph 127~370V DC	24.0V DC 1.90A	+/- 10%	2.7V	86.5%	181.5 x 62.0 x 35.0
PLC-45-27	45 Watt	90~264V AC 1ph 127~370V DC	27.0V DC 1.70A	+/- 10%	2.7V	86.5%	181.5 x 62.0 x 35.0
PLC-45-36	45 Watt	90~264V AC 1ph 127~370V DC	36.0V DC 1.25A	+/- 10%	3.6V	87.5%	181.5 x 62.0 x 35.0
PLC-45-48	45 Watt	90~264V AC 1ph 127~370V DC	48.0V DC 0.95A	+/- 10%	4.6V	87.5%	181.5 x 62.0 x 35.0
PLC-60-12	60 Watt	90~264V AC 1ph 127~370V DC	12.0V DC 5.00A	+/- 10%	2.0V	85.0%	181.5 x 62.0 x 35.0
PLC-60-15	60 Watt	90~264V AC 1ph 127~370V DC	15.0V DC 4.00A	+/- 10%	2.4V	86.0%	181.5 x 62.0 x 35.0
PLC-60-20	60 Watt	90~264V AC 1ph 127~370V DC	20.0V DC 3.00A	+/- 10%	1.8V	87.5%	181.5 x 62.0 x 35.0
PLC-60-24	60 Watt	90~264V AC 1ph 127~370V DC	24.0V DC 2.50A	+/- 10%	2.4V	87.0%	181.5 x 62.0 x 35.0
PLC-60-27	60 Watt	90~264V AC 1ph 127~370V DC	27.0V DC 2.30A	+/- 10%	2.7V	88.0%	181.5 x 62.0 x 35.0
PLC-60-36	60 Watt	90~264V AC 1ph 127~370V DC	36.0V DC 1.70A	+/- 10%	3.6V	89.0%	181.5 x 62.0 x 35.0
PLC-60-48	60 Watt	90~264V AC 1ph 127~370V DC	48.0V DC 1.30A	+/- 10%	4.6V	89.0%	181.5 x 62.0 x 35.0
PLC-100-12	100 Watt	90~264V AC 1ph 127~370V DC	12.0V DC 5.00A	+/- 3%	150mV	83.0%	200.5 x 69.5 x 35.0
PLC-100-15	100 Watt	90~264V AC 1ph 127~370V DC	15.0V DC 5.00A	+/- 3%	150mV	85.0%	200.5 x 69.5 x 35.0
PLC-100-20	100 Watt	90~264V AC 1ph 127~370V DC	20.0V DC 4.80A	+/- 3%	150mV	88.5%	200.5 x 69.5 x 35.0
PLC-100-24	100 Watt	90~264V AC 1ph 127~370V DC	24.0V DC 4.00A	+/- 3%	150mV	88.5%	200.5 x 69.5 x 35.0
PLC-100-27	100 Watt	90~264V AC 1ph 127~370V DC	27.0V DC 3.55A	+/- 3%	150mV	88.0%	200.5 x 69.5 x 35.0
PLC-100-36	100 Watt	90~264V AC 1ph 127~370V DC	36.0V DC 2.65A	+/- 2%	150mV	88.0%	200.5 x 69.5 x 35.0
PLC-100-48	100 Watt	90~264V AC 1ph 127~370V DC	48.0V DC 2.00A	+/- 2%	200mV	88.5%	200.5 x 69.5 x 35.0

Universal AC input up to 305V AC full range.
Built-in PFC function.
Full 7 year warranty.

Blank Type: 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)



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-12	40 Watt	12V DC 3.33A	-	+/- 2.5%	150mVp-p	86.5%	171.0 x 61.5 x 36.8
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-12B	40 Watt	12V DC 3.33A	-	+/- 2.5%	150mVp-p	86.5%	171.0 x 61.5 x 36.8
HLG-40H-15	40 Watt	15V DC 2.67A	-	+/- 2.0%	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-15B	40 Watt	15V DC 2.67A	-	+/- 2.0%	150mVp-p	86.5%	171.0 x 61.5 x 36.8
HLG-40H-20	40 Watt	20V DC 2.00A	-	+/- 1.0%	150mVp-p	88.0%	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-20B	40 Watt	20V DC 2.00A	-	+/- 1.0%	150mVp-p	88.0%	171.0 x 61.5 x 36.8
HLG-40H-24	40 Watt	24V DC 1.67A	-	+/- 1.0%	200mVp-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-24B	40 Watt	24V DC 1.67A	-	+/- 1.0%	200mVp-p	88.0%	171.0 x 61.5 x 36.8
HLG-40H-30	40 Watt	30V DC 1.34A	-	+/- 1.0%	200mVp-p	88.5%	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-30B	40 Watt	30V DC 1.34A	-	+/- 1.0%	200mVp-p	88.5%	171.0 x 61.5 x 36.8
HLG-40H-36	40 Watt	36V DC 1.12A	-	+/- 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-36B	40 Watt	36V DC 1.12A	-	+/- 1.0%	200mVp-p	88.5%	171.0 x 61.5 x 36.8
HLG-40H-42	40 Watt	42V DC 0.96A	-	+/- 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-42B	40 Watt	42V DC 0.96A	-	+/- 1.0%	200mVp-p	88.5%	171.0 x 61.5 x 36.8
HLG-40H-48	40 Watt	48V DC 0.84A	-	+/- 1.0%	300mVp-p	89.5%	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-48B	40 Watt	48V DC 0.84A	-	+/- 1.0%	300mVp-p	89.5%	171.0 x 61.5 x 36.8
HLG-40H-54	40 Watt	54V DC 0.75A	-	+/- 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-40H-54B	40 Watt	54V DC 0.75A	-	+/- 1.0%	300mVp-p	89.5%	171.0 x 61.5 x 36.8
HLG-60H-15	60 Watt	15V DC 4.00A	-	+/- 2.0%	150mVp-p	87.5%	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-15B	60 Watt	15V DC 4.00A	-	+/- 2.0%	150mVp-p	87.5%	171.0 x 61.5 x 36.8
HLG-60H-20	60 Watt	20V DC 3.00A	-	+/- 1.0%	150mVp-p	89.0%	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-20B	60 Watt	20V DC 3.00A	-	+/- 1.0%	150mVp-p	89.0%	171.0 x 61.5 x 36.8
HLG-60H-24	60 Watt	24V DC 2.50A	-	+/- 1.0%	150mVp-p	89.5%	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-24B	60 Watt	24V DC 2.50A	-	+/- 1.0%	150mVp-p	89.5%	171.0 x 61.5 x 36.8
HLG-60H-30	60 Watt	30V DC 2.00A	-	+/- 1.0%	200mVp-p	90.0%	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-30B	60 Watt	30V DC 2.00A	-	+/- 1.0%	200mVp-p	90.0%	171.0 x 61.5 x 36.8
HLG-60H-36	60 Watt	36V DC 1.70A	-	+/- 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-36B	60 Watt	36V DC 1.70A	-	+/- 1.0%	200mVp-p	90.0%	171.0 x 61.5 x 36.8
HLG-60H-42	60 Watt	42V DC 1.45A	-	+/- 1.0%	300mVp-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-42B	60 Watt	42V DC 1.45A	-	+/- 1.0%	300mVp-p	90.0%	171.0 x 61.5 x 36.8
HLG-60H-48	60 Watt	48V DC 1.30A	-	+/- 1.0%	300mVp-p	90.5%	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-48B	60 Watt	48V DC 1.30A	-	+/- 1.0%	300mVp-p	90.5%	171.0 x 61.5 x 36.8
HLG-60H-54	60 Watt	54V DC 1.15A	-	+/- 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
HLG-60H-54B	60 Watt	54V DC 1.15A	-	+/- 1.0%	300mVp-p	90.5%	171.0 x 61.5 x 36.8

Universal AC input up to 305V AC full range.
 Built-in PFC function.
 Full 7 year warranty.

Blank Type: 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)



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.

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

Universal AC input up to 305V AC full range.
Built-in PFC function.
Full 7 year warranty.

Blank Type: 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)



HLG-150H-12B

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-120H-12	120 Watt	12V DC 10.00A	-	+/- 2.5%	150mVp-p	92.0%	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-12B	120 Watt	12V DC 10.00A	-	+/- 2.5%	150mVp-p	92.0%	220.0 x 68.0 x 38.8
HLG-120H-15	120 Watt	15V DC 8.00A	-	+/- 2.0%	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-15B	120 Watt	15V DC 8.00A	-	+/- 2.0%	150mVp-p	92.0%	220.0 x 68.0 x 38.8
HLG-120H-20	120 Watt	20V DC 6.00A	-	+/- 1.0%	150mVp-p	93.0%	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-20B	120 Watt	20V DC 6.00A	-	+/- 1.0%	150mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-24	120 Watt	24V DC 5.00A	-	+/- 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-24B	120 Watt	24V DC 5.00A	-	+/- 1.0%	150mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-30	120 Watt	30V DC 4.00A	-	+/- 1.0%	200mVp-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-30B	120 Watt	30V DC 4.00A	-	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-36	120 Watt	36V DC 3.40A	-	+/- 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-36B	120 Watt	36V DC 3.40A	-	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-42	120 Watt	42V DC 2.90A	-	+/- 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-42B	120 Watt	42V DC 2.90A	-	+/- 1.0%	200mVp-p	93.0%	220.0 x 68.0 x 38.8
HLG-120H-48	120 Watt	48V DC 2.50A	-	+/- 1.0%	200mVp-p	93.5%	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-48B	120 Watt	48V DC 2.50A	-	+/- 1.0%	200mVp-p	93.5%	220.0 x 68.0 x 38.8
HLG-120H-54	120 Watt	54V DC 2.30A	-	+/- 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
HLG-120H-54B	120 Watt	54V DC 2.30A	-	+/- 1.0%	200mVp-p	93.5%	220.0 x 68.0 x 38.8
HLG-150H-12	150 Watts	12V DC 12.50A	-	+/- 2.5%	150mVp-p	91.5%	228.0 x 68.0 x 38.8
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-12B	150 Watts	12V DC 12.50A	-	+/- 2.5%	150mVp-p	91.5%	228.0 x 68.0 x 38.8
HLG-150H-15	150 Watts	15V DC 10.00A	-	+/- 2.0%	150mVp-p	92.0%	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-15B	150 Watts	15V DC 10.00A	-	+/- 2.0%	150mVp-p	92.0%	228.0 x 68.0 x 38.8
HLG-150H-20	150 Watts	20V DC 7.50A	-	+/- 1.0%	150mVp-p	93.0%	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-20B	150 Watts	20V DC 7.50A	-	+/- 1.0%	150mVp-p	93.0%	228.0 x 68.0 x 38.8
HLG-150H-24	150 Watts	24V DC 6.30A	-	+/- 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-24B	150 Watts	24V DC 6.30A	-	+/- 1.0%	150mVp-p	93.0%	228.0 x 68.0 x 38.8
HLG-150H-30	150 Watts	30V DC 5.00A	-	+/- 1.0%	200mVp-p	93.5%	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-30B	150 Watts	30V DC 5.00A	-	+/- 1.0%	200mVp-p	93.5%	228.0 x 68.0 x 38.8
HLG-150H-36	150 Watts	36V DC 4.20A	-	+/- 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-36B	150 Watts	36V DC 4.20A	-	+/- 1.0%	200mVp-p	93.5%	228.0 x 68.0 x 38.8
HLG-150H-42	150 Watts	42V DC 3.60A	-	+/- 1.0%	200mVp-p	94.0%	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-42B	150 Watts	42V DC 3.60A	-	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-150H-48	150 Watts	48V DC 3.20A	-	+/- 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-48B	150 Watts	48V DC 3.20A	-	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8
HLG-150H-54	150 Watts	54V DC 2.80A	-	+/- 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-150H-54B	150 Watts	54V DC 2.80A	-	+/- 1.0%	200mVp-p	94.0%	228.0 x 68.0 x 38.8

Universal AC input up to 305V AC full range.
 Built-in PFC function.
 Full 7 year warranty.

Blank Type: 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)



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.

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

Universal AC input up to 305V AC full range.
 Built-in PFC function.
 Full 7 year warranty.

Blank Type: 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)



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, EN 61347-1, EN 61347-2-13, and PSE J61347-1. 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-320H-12	320 Watts	12V DC 22.00A	-	+/- 3.0%	150mVp-p	91.0%	252.0 x 90.0 x 43.8
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-12B	320 Watts	12V DC 22.00A	-	+/- 3.0%	150mVp-p	91.0%	252.0 x 90.0 x 43.8
HLG-320H-15	320 Watts	15V DC 19.00A	-	+/- 2.0%	150mVp-p	92.5%	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-15B	320 Watts	15V DC 19.00A	-	+/- 2.0%	150mVp-p	92.5%	252.0 x 90.0 x 43.8
HLG-320H-20	320 Watts	20V DC 15.00A	-	+/- 1.5%	150mVp-p	93.5%	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-20B	320 Watts	20V DC 15.00A	-	+/- 1.5%	150mVp-p	93.5%	252.0 x 90.0 x 43.8
HLG-320H-24	320 Watts	24V DC 13.34A	-	+/- 1.0%	150mVp-p	94.0%	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-24B	320 Watts	24V DC 13.34A	-	+/- 1.0%	150mVp-p	94.0%	252.0 x 90.0 x 43.8
HLG-320H-30	320 Watts	30V DC 10.70A	-	+/- 1.0%	200mVp-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-30B	320 Watts	30V DC 10.70A	-	+/- 1.0%	200mVp-p	94.0%	252.0 x 90.0 x 43.8
HLG-320H-36	320 Watts	36V DC 8.90A	-	+/- 1.0%	250mVp-p	94.5%	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-36B	320 Watts	36V DC 8.90A	-	+/- 1.0%	250mVp-p	94.5%	252.0 x 90.0 x 43.8
HLG-320H-42	320 Watts	42V DC 7.65A	-	+/- 1.0%	250mVp-p	95.0%	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-42B	320 Watts	42V DC 7.65A	-	+/- 1.0%	250mVp-p	95.0%	252.0 x 90.0 x 43.8
HLG-320H-48	320 Watts	48V DC 6.70A	-	+/- 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-48B	320 Watts	48V DC 6.70A	-	+/- 1.0%	250mVp-p	95.0%	252.0 x 90.0 x 43.8
HLG-320H-54	320 Watts	54V DC 5.95A	-	+/- 1.0%	350mVp-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-320H-54B	320 Watts	54V DC 5.95A	-	+/- 1.0%	350mVp-p	95.0%	252.0 x 90.0 x 43.8
HLG-480H-24	480 Watts	24V DC 20.00A	-	+/- 1.0%	200mVp-p	94.0%	262.0 x 125.0 x 43.8
HLG-480H-24A	480 Watts	24V DC 20.00A	-15.0% to +13.3%	+/- 1.0%	200mVp-p	94.0%	262.0 x 125.0 x 43.8
HLG-480H-24B	480 Watts	24V DC 20.00A	-	+/- 1.0%	200mVp-p	94.0%	262.0 x 125.0 x 43.8
HLG-480H-30	480 Watts	30V DC 16.00A	-	+/- 1.0%	200mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-30A	480 Watts	30V DC 16.00A	-15.0% to +13.3%	+/- 1.0%	200mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-30B	480 Watts	30V DC 16.00A	-	+/- 1.0%	200mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-36	480 Watts	36V DC 13.30A	-	+/- 1.0%	250mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-36A	480 Watts	36V DC 13.30A	-15.0% to +13.3%	+/- 1.0%	250mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-36B	480 Watts	36V DC 13.30A	-	+/- 1.0%	250mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-42	480 Watts	42V DC 11.40A	-	+/- 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 +13.3%	+/- 1.0%	250mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-42B	480 Watts	42V DC 11.40A	-	+/- 1.0%	250mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-48	480 Watts	48V DC 10.00A	-	+/- 1.0%	250mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-48A	480 Watts	48V DC 10.00A	-15.0% to +13.3%	+/- 1.0%	250mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-48B	480 Watts	48V DC 10.00A	-	+/- 1.0%	250mVp-p	94.5%	262.0 x 125.0 x 43.8
HLG-480H-54	480 Watts	54V DC 8.90A	-	+/- 1.0%	350mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-54A	480 Watts	54V DC 8.90A	-15.0% to +13.3%	+/- 1.0%	350mVp-p	95.0%	262.0 x 125.0 x 43.8
HLG-480H-54B	480 Watts	54V DC 8.90A	-	+/- 1.0%	350mVp-p	95.0%	262.0 x 125.0 x 43.8

Universal AC input up to 305V AC full range.
Built-in PFC function.
Full 7 year warranty.

Blank Type: 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)



HLG-600H-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, UL 60950-1, EN 61347-1, EN 61347-2-13, EN 62384, 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-600H-12A	600 Watts	12V DC 40.00A	-	+/- 3.0%	150mVp-p	92.0%	280.0 x 144.0 x 48.5
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-12A	600 Watts	12V DC 40.00A	-	+/- 3.0%	150mVp-p	92.0%	280.0 x 144.0 x 48.5
HLG-600H-15A	600 Watts	15V DC 36.00A	-	+/- 2.0%	150mVp-p	93.5%	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-15A	600 Watts	15V DC 36.00A	-	+/- 2.0%	150mVp-p	93.5%	280.0 x 144.0 x 48.5
HLG-600H-20A	600 Watts	20V DC 28.00A	-	+/- 1.5%	150mVp-p	94.5%	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-20A	600 Watts	20V DC 28.00A	-	+/- 1.5%	150mVp-p	94.5%	280.0 x 144.0 x 48.5
HLG-600H-24A	600 Watts	24V DC 25.00A	-	+/- 1.0%	150mVp-p	95.0%	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-24A	600 Watts	24V DC 25.00A	-	+/- 1.0%	150mVp-p	95.0%	280.0 x 144.0 x 48.5
HLG-600H-30A	600 Watts	30V DC 20.00A	-	+/- 1.0%	200mVp-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-30A	600 Watts	30V DC 20.00A	-	+/- 1.0%	200mVp-p	95.0%	280.0 x 144.0 x 48.5
HLG-600H-36A	600 Watts	36V DC 16.70A	-	+/- 1.0%	250mVp-p	95.5%	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-36A	600 Watts	36V DC 16.70A	-	+/- 1.0%	250mVp-p	95.5%	280.0 x 144.0 x 48.5
HLG-600H-42A	600 Watts	42V DC 14.30A	-	+/- 1.0%	250mVp-p	96.0%	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-42A	600 Watts	42V DC 14.30A	-	+/- 1.0%	250mVp-p	96.0%	280.0 x 144.0 x 48.5
HLG-600H-48A	600 Watts	48V DC 12.50A	-	+/- 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-48A	600 Watts	48V DC 12.50A	-	+/- 1.0%	250mVp-p	96.0%	280.0 x 144.0 x 48.5
HLG-600H-54A	600 Watts	54V DC 11.20A	-	+/- 1.0%	350mVp-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
HLG-600H-54A	600 Watts	54V DC 11.20A	-	+/- 1.0%	350mVp-p	96.0%	280.0 x 144.0 x 48.5

Universal AC input up to 305V AC full range.
 Built-in PFC function and efficiency up to 91%.
 IP64 rated for indoor and outdoor use.
 Full 3 year warranty.

A Type: Output voltage and current adjustable through internal potentiometer

B Type: Built-in 3-in-1 dimming function (1~10V DC, PWM signal or resistance dimming)



HLN-60H-24B

A comprehensive range of high quality and highly cost-effective constant current and constant voltage LED power supplies with input ranges of 90~305V AC and 127~431V DC. The models are rated from 40 Watts to 80 Watts and are protected against over voltage, short circuit, over current, and over temperature. Units are cooled by free air convection and are suitable for LED lighting and moving sign applications in both dry and damp locations. All types feature built-in PFC function and are enclosed in an IP64 case making them suitable for indoor and outdoor use. Models are approved to the following safety standards: UL 8750, TUV EN 61347-1, EN 61347-2-13, and PSE J 61347-1. All variations are CE marked come with a full 3 year warranty for complete peace of mind after purchase. Full data sheets are available upon request.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions (mm) L x W x H
HLN-40H-12A	40 Watts	12V DC 3.33A	+/- 10%	+/- 2.5%	150mV	86.5%	161.0 x 61.5 x 35.0
HLN-40H-12B	40 Watts	12V DC 3.33A	-	+/- 2.5%	150mV	86.5%	161.0 x 61.5 x 35.0
HLN-40H-15A	40 Watts	15V DC 2.67A	+/- 10%	+/- 2.0%	150mV	86.5%	161.0 x 61.5 x 35.0
HLN-40H-15B	40 Watts	15V DC 2.67A	-	+/- 2.0%	150mV	86.5%	161.0 x 61.5 x 35.0
HLN-40H-20A	40 Watts	20V DC 2.00A	+/- 10%	+/- 1.0%	150mV	87.5%	161.0 x 61.5 x 35.0
HLN-40H-20B	40 Watts	20V DC 2.00A	-	+/- 1.0%	150mV	87.5%	161.0 x 61.5 x 35.0
HLN-40H-24A	40 Watts	24V DC 1.67A	+/- 10%	+/- 1.0%	150mV	88.0%	161.0 x 61.5 x 35.0
HLN-40H-24B	40 Watts	24V DC 1.67A	-	+/- 1.0%	150mV	88.0%	161.0 x 61.5 x 35.0
HLN-40H-30A	40 Watts	30V DC 1.34A	+/- 10%	+/- 1.0%	200mV	88.5%	161.0 x 61.5 x 35.0
HLN-40H-30B	40 Watts	30V DC 1.34A	-	+/- 1.0%	200mV	88.5%	161.0 x 61.5 x 35.0
HLN-40H-36A	40 Watts	36V DC 1.12A	+/- 10%	+/- 1.0%	200mV	88.5%	161.0 x 61.5 x 35.0
HLN-40H-36B	40 Watts	36V DC 1.12A	-	+/- 1.0%	200mV	88.5%	161.0 x 61.5 x 35.0
HLN-40H-42A	40 Watts	42V DC 0.96A	+/- 10%	+/- 1.0%	300mV	88.5%	161.0 x 61.5 x 35.0
HLN-40H-42B	40 Watts	42V DC 0.96A	-	+/- 1.0%	300mV	88.5%	161.0 x 61.5 x 35.0
HLN-40H-48A	40 Watts	48V DC 0.84A	+/- 10%	+/- 1.0%	300mV	89.0%	161.0 x 61.5 x 35.0
HLN-40H-48B	40 Watts	48V DC 0.84A	-	+/- 1.0%	300mV	89.0%	161.0 x 61.5 x 35.0
HLN-40H-54A	40 Watts	54V DC 0.75A	+/- 10%	+/- 1.0%	300mV	89.0%	161.0 x 61.5 x 35.0
HLN-40H-54B	40 Watts	54V DC 0.75A	-	+/- 1.0%	300mV	89.0%	161.0 x 61.5 x 35.0
HLN-60H-15A	60 Watts	15V DC 4.00A	+/- 10%	+/- 2.0%	150mV	87.0%	161.0 x 61.5 x 35.0
HLN-60H-15B	60 Watts	15V DC 4.00A	-	+/- 2.0%	150mV	87.0%	161.0 x 61.5 x 35.0
HLN-60H-20A	60 Watts	20V DC 3.00A	+/- 10%	+/- 1.0%	150mV	88.5%	161.0 x 61.5 x 35.0
HLN-60H-20B	60 Watts	20V DC 3.00A	-	+/- 1.0%	150mV	88.5%	161.0 x 61.5 x 35.0
HLN-60H-24A	60 Watts	24V DC 2.50A	+/- 10%	+/- 1.0%	150mV	89.0%	161.0 x 61.5 x 35.0
HLN-60H-24B	60 Watts	24V DC 2.50A	-	+/- 1.0%	150mV	89.0%	161.0 x 61.5 x 35.0
HLN-60H-30A	60 Watts	30V DC 2.00A	+/- 10%	+/- 1.0%	200mV	89.5%	161.0 x 61.5 x 35.0
HLN-60H-30B	60 Watts	30V DC 2.00A	-	+/- 1.0%	200mV	89.5%	161.0 x 61.5 x 35.0
HLN-60H-36A	60 Watts	36V DC 1.70A	+/- 10%	+/- 1.0%	200mV	90.0%	161.0 x 61.5 x 35.0
HLN-60H-36B	60 Watts	36V DC 1.70A	-	+/- 1.0%	200mV	90.0%	161.0 x 61.5 x 35.0
HLN-60H-42A	60 Watts	42V DC 1.45A	+/- 10%	+/- 1.0%	300mV	90.0%	161.0 x 61.5 x 35.0
HLN-60H-42B	60 Watts	42V DC 1.45A	-	+/- 1.0%	300mV	90.0%	161.0 x 61.5 x 35.0
HLN-60H-48A	60 Watts	48V DC 1.30A	+/- 10%	+/- 1.0%	300mV	90.5%	161.0 x 61.5 x 35.0
HLN-60H-48B	60 Watts	48V DC 1.30A	-	+/- 1.0%	300mV	90.5%	161.0 x 61.5 x 35.0
HLN-60H-54A	60 Watts	54V DC 1.15A	+/- 10%	+/- 1.0%	300mV	90.5%	161.0 x 61.5 x 35.0
HLN-60H-54B	60 Watts	54V DC 1.15A	-	+/- 1.0%	300mV	90.5%	161.0 x 61.5 x 35.0
HLN-80H-12A	80 Watts	12V DC 5.00A	+/- 10%	+/- 2.5%	150mV	88.0%	181.0 x 61.5 x 35.0
HLN-80H-12B	80 Watts	12V DC 5.00A	-	+/- 2.5%	150mV	88.0%	181.0 x 61.5 x 35.0
HLN-80H-15A	80 Watts	15V DC 5.00A	+/- 10%	+/- 2.0%	150mV	89.0%	181.0 x 61.5 x 35.0
HLN-80H-15B	80 Watts	15V DC 5.00A	-	+/- 2.0%	150mV	89.0%	181.0 x 61.5 x 35.0
HLN-80H-20A	80 Watts	20V DC 4.00A	+/- 10%	+/- 1.0%	150mV	90.0%	181.0 x 61.5 x 35.0
HLN-80H-20B	80 Watts	20V DC 4.00A	-	+/- 1.0%	150mV	90.0%	181.0 x 61.5 x 35.0
HLN-80H-24A	80 Watts	24V DC 3.40A	+/- 10%	+/- 1.0%	150mV	90.5%	181.0 x 61.5 x 35.0
HLN-80H-24B	80 Watts	24V DC 3.40A	-	+/- 1.0%	150mV	90.5%	181.0 x 61.5 x 35.0
HLN-80H-30A	80 Watts	30V DC 2.70A	+/- 10%	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-30B	80 Watts	30V DC 2.70A	-	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-36A	80 Watts	36V DC 2.30A	+/- 10%	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-36B	80 Watts	36V DC 2.30A	-	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-42A	80 Watts	42V DC 1.95A	+/- 10%	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-42B	80 Watts	42V DC 1.95A	-	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-48A	80 Watts	48V DC 1.70A	+/- 10%	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-48B	80 Watts	48V DC 1.70A	-	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-54A	80 Watts	48V DC 1.70A	+/- 10%	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0
HLN-80H-54B	80 Watts	48V DC 1.70A	-	+/- 1.0%	200mV	91.0%	181.0 x 61.5 x 35.0

ELG series of LED power supplies from 75W to 100W.
 Universal AC input up to 305V AC full range.
 Built-in PFC function.
 Full 5 year warranty.

- Blank Type: 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)
- DA Type: IP67 rated with DALI control technology



A comprehensive range of constant current and constant voltage LED power supplies from 75W to 100W. The input voltages are 100~180V and 200~305V AC, with output voltages ranging from 12V to 54V DC. The models are protected to either IP65 or IP67 depending on the type and are suitable for harsh environments, including both indoor and outdoor use. The design is metal housing with functional ground. Units have built-in active PFC function and are Class 2 power units. Models boast high efficiencies of up to 91% and feature a typical lifetime of > 50,000 hours. The ambient temperature range is from -40 °C to +90 °C, cooled by free air convection. The units are suitable for a number of applications, including: LED street lighting, LED architectural lighting, LED bay lighting, and LED floodlighting. All types are approved to CSA C22.2 No. 250.13-12, EN 61347-1, EN 61347-2-12, EN 62384, IEC 61347-1, and IEC 61347-2-12. Lastly, they come with a full 5 year warranty, for complete peace of mind after purchase.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
ELG-75-12	75 Watt	12V DC 5.00A	-	+/- 3.0%	150mVp-p	85%	180.0 x 63.0 x 35.5
ELG-75-12A	75 Watt	12V DC 5.00A	+/- 10%	+/- 3.0%	150mVp-p	85%	180.0 x 63.0 x 35.5
ELG-75-12B	75 Watt	12V DC 5.00A	-	+/- 3.0%	150mVp-p	85%	180.0 x 63.0 x 35.5
ELG-75-12DA	75 Watt	12V DC 5.00A	-	+/- 3.0%	150mVp-p	85%	180.0 x 63.0 x 35.5
ELG-75-24	75 Watt	24V DC 3.15A	-	+/- 3.0%	200mVp-p	88%	180.0 x 63.0 x 35.5
ELG-75-24A	75 Watt	24V DC 3.15A	+/- 10%	+/- 3.0%	200mVp-p	88%	180.0 x 63.0 x 35.5
ELG-75-24B	75 Watt	24V DC 3.15A	-	+/- 3.0%	200mVp-p	88%	180.0 x 63.0 x 35.5
ELG-75-24DA	75 Watt	24V DC 3.15A	-	+/- 3.0%	200mVp-p	88%	180.0 x 63.0 x 35.5
ELG-75-36	75 Watt	36V DC 2.10A	-	+/- 2.5%	250mVp-p	89%	180.0 x 63.0 x 35.5
ELG-75-36A	75 Watt	36V DC 2.10A	+/- 10%	+/- 2.5%	250mVp-p	89%	180.0 x 63.0 x 35.5
ELG-75-36B	75 Watt	36V DC 2.10A	-	+/- 2.5%	250mVp-p	89%	180.0 x 63.0 x 35.5
ELG-75-36DA	75 Watt	36V DC 2.10A	-	+/- 2.5%	250mVp-p	89%	180.0 x 63.0 x 35.5
ELG-75-42	75 Watt	42V DC 1.80A	-	+/- 2.5%	250mVp-p	90%	180.0 x 63.0 x 35.5
ELG-75-42A	75 Watt	42V DC 1.80A	+/- 10%	+/- 2.5%	250mVp-p	90%	180.0 x 63.0 x 35.5
ELG-75-42B	75 Watt	42V DC 1.80A	-	+/- 2.5%	250mVp-p	90%	180.0 x 63.0 x 35.5
ELG-75-42DA	75 Watt	42V DC 1.80A	-	+/- 2.5%	250mVp-p	90%	180.0 x 63.0 x 35.5
ELG-75-48	75 Watt	48V DC 1.60A	-	+/- 2.0%	250mVp-p	91%	180.0 x 63.0 x 35.5
ELG-75-48A	75 Watt	48V DC 1.60A	+/- 10%	+/- 2.0%	250mVp-p	91%	180.0 x 63.0 x 35.5
ELG-75-48B	75 Watt	48V DC 1.60A	-	+/- 2.0%	250mVp-p	91%	180.0 x 63.0 x 35.5
ELG-75-48DA	75 Watt	48V DC 1.60A	-	+/- 2.0%	250mVp-p	91%	180.0 x 63.0 x 35.5
ELG-100-24	100 Watt	24V DC 4.00A	-	+/- 3.0%	200mVp-p	88%	191.0 x 63.0 x 35.5
ELG-100-24A	100 Watt	24V DC 4.00A	+/- 10%	+/- 3.0%	200mVp-p	88%	191.0 x 63.0 x 35.5
ELG-100-24B	100 Watt	24V DC 4.00A	-	+/- 3.0%	200mVp-p	88%	191.0 x 63.0 x 35.5
ELG-100-24DA	100 Watt	24V DC 4.00A	-	+/- 3.0%	200mVp-p	88%	191.0 x 63.0 x 35.5
ELG-100-36	100 Watt	36V DC 2.66A	-	+/- 2.5%	250mVp-p	89%	191.0 x 63.0 x 35.5
ELG-100-36A	100 Watt	36V DC 2.66A	+/- 10%	+/- 2.5%	250mVp-p	89%	191.0 x 63.0 x 35.5
ELG-100-36B	100 Watt	36V DC 2.66A	-	+/- 2.5%	250mVp-p	89%	191.0 x 63.0 x 35.5
ELG-100-36DA	100 Watt	36V DC 2.66A	-	+/- 2.5%	250mVp-p	89%	191.0 x 63.0 x 35.5
ELG-100-42	100 Watt	42V DC 2.28A	-	+/- 2.5%	250mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-42A	100 Watt	42V DC 2.28A	+/- 10%	+/- 2.5%	250mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-42B	100 Watt	42V DC 2.28A	-	+/- 2.5%	250mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-42DA	100 Watt	42V DC 2.28A	-	+/- 2.5%	250mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-48	100 Watt	48V DC 2.00A	-	+/- 2.0%	300mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-48A	100 Watt	48V DC 2.00A	+/- 10%	+/- 2.0%	300mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-48B	100 Watt	48V DC 2.00A	-	+/- 2.0%	300mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-48DA	100 Watt	48V DC 2.00A	-	+/- 2.0%	300mVp-p	90%	191.0 x 63.0 x 35.5
ELG-100-54	100 Watt	54V DC 1.78A	-	+/- 2.0%	350mVp-p	91%	191.0 x 63.0 x 35.5
ELG-100-54A	100 Watt	54V DC 1.78A	+/- 10%	+/- 2.0%	350mVp-p	91%	191.0 x 63.0 x 35.5
ELG-100-54B	100 Watt	54V DC 1.78A	-	+/- 2.0%	350mVp-p	91%	191.0 x 63.0 x 35.5
ELG-100-54DA	100 Watt	54V DC 1.78A	-	+/- 2.0%	350mVp-p	91%	191.0 x 63.0 x 35.5

ELG series of LED power supplies from 150W to 200W.
 Universal AC input up to 305V AC full range.
 Built-in PFC function.
 Full 5 year warranty.

- Blank Type:** 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)
- DA Type:** IP67 rated with DALI control technology



ELG-150-24A

A comprehensive range of constant current and constant voltage LED power supplies from 150W to 200W. The input voltages are 100~180V and 200~305V AC, with output voltages ranging from 12V to 54V DC. The models are protected to either IP65 or IP67 depending on the type and are suitable for harsh environments, including both indoor and outdoor use. The design is metal housing with functional ground. Units have built-in active PFC function and are Class 2 power units. Models boast high efficiencies of up to 93% and feature a typical lifetime of > 50,000 hours. The ambient temperature range is from -40 °C to +90 °C, cooled by free air convection. The units are suitable for a number of applications, including: LED street lighting, LED architectural lighting, LED bay lighting, and LED floodlighting. All types are approved to CSA C22.2 No. 250.13-12, EN 61347-1, EN 61347-2-12, EN 62384, IEC 61347-1, and IEC 61347-2-12. Lastly, they come with a full 5 year warranty, for complete peace of mind after purchase.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
ELG-150-12	150 Watt	12V DC 10.00A	-	+/- 3.0%	150mVp-p	88.0%	219.0 x 63.0 x 35.5
ELG-150-12A	150 Watt	12V DC 10.00A	+/- 10%	+/- 3.0%	150mVp-p	88.0%	219.0 x 63.0 x 35.5
ELG-150-12B	150 Watt	12V DC 10.00A	-	+/- 3.0%	150mVp-p	88.0%	219.0 x 63.0 x 35.5
ELG-150-12DA	150 Watt	12V DC 10.00A	-	+/- 3.0%	150mVp-p	88.0%	219.0 x 63.0 x 35.5
ELG-150-24	150 Watt	24V DC 6.25A	-	+/- 3.0%	200mVp-p	89.0%	219.0 x 63.0 x 35.5
ELG-150-24A	150 Watt	24V DC 6.25A	+/- 10%	+/- 3.0%	200mVp-p	89.0%	219.0 x 63.0 x 35.5
ELG-150-24B	150 Watt	24V DC 6.25A	-	+/- 3.0%	200mVp-p	89.0%	219.0 x 63.0 x 35.5
ELG-150-24DA	150 Watt	24V DC 6.25A	-	+/- 3.0%	200mVp-p	89.0%	219.0 x 63.0 x 35.5
ELG-150-36	150 Watt	36V DC 4.17A	-	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-36A	150 Watt	36V DC 4.17A	+/- 10%	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-36B	150 Watt	36V DC 4.17A	-	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-36DA	150 Watt	36V DC 4.17A	-	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-42	150 Watt	42V DC 3.57A	-	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-42A	150 Watt	42V DC 3.57A	+/- 10%	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-42B	150 Watt	42V DC 3.57A	-	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-42DA	150 Watt	42V DC 3.57A	-	+/- 2.5%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-48	150 Watt	48V DC 3.13A	-	+/- 2.0%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-48A	150 Watt	48V DC 3.13A	+/- 10%	+/- 2.0%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-48B	150 Watt	48V DC 3.13A	-	+/- 2.0%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-48DA	150 Watt	48V DC 3.13A	-	+/- 2.0%	250mVp-p	90.0%	219.0 x 63.0 x 35.5
ELG-150-54	150 Watt	54V DC 2.80A	-	+/- 2.0%	350mVp-p	91.0%	219.0 x 63.0 x 35.5
ELG-150-54A	150 Watt	54V DC 2.80A	+/- 10%	+/- 2.0%	350mVp-p	91.0%	219.0 x 63.0 x 35.5
ELG-150-54B	150 Watt	54V DC 2.80A	-	+/- 2.0%	350mVp-p	91.0%	219.0 x 63.0 x 35.5
ELG-150-54DA	150 Watt	54V DC 2.80A	-	+/- 2.0%	350mVp-p	91.0%	219.0 x 63.0 x 35.5
ELG-200-12	200 Watt	12V DC 16.00A	-	+/- 3.0%	150mVp-p	90.0%	244.0 x 71.0 x 37.5
ELG-200-12A	200 Watt	12V DC 16.00A	+/- 10%	+/- 3.0%	150mVp-p	90.0%	244.0 x 71.0 x 37.5
ELG-200-12B	200 Watt	12V DC 16.00A	-	+/- 3.0%	150mVp-p	90.0%	244.0 x 71.0 x 37.5
ELG-200-12DA	200 Watt	12V DC 16.00A	-	+/- 3.0%	150mVp-p	90.0%	244.0 x 71.0 x 37.5
ELG-200-24	200 Watt	24V DC 8.40A	-	+/- 2.0%	200mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-24A	200 Watt	24V DC 8.40A	+/- 10%	+/- 2.0%	200mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-24B	200 Watt	24V DC 8.40A	-	+/- 2.0%	200mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-24DA	200 Watt	24V DC 8.40A	-	+/- 2.0%	200mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-36	200 Watt	36V DC 5.55A	-	+/- 2.0%	250mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-36A	200 Watt	36V DC 5.55A	+/- 10%	+/- 2.0%	250mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-36B	200 Watt	36V DC 5.55A	-	+/- 2.0%	250mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-36DA	200 Watt	36V DC 5.55A	-	+/- 2.0%	250mVp-p	92.0%	244.0 x 71.0 x 37.5
ELG-200-42	200 Watt	42V DC 4.76A	-	+/- 2.0%	250mVp-p	92.5%	244.0 x 71.0 x 37.5
ELG-200-42A	200 Watt	42V DC 4.76A	+/- 10%	+/- 2.0%	250mVp-p	92.5%	244.0 x 71.0 x 37.5
ELG-200-42B	200 Watt	42V DC 4.76A	-	+/- 2.0%	250mVp-p	92.5%	244.0 x 71.0 x 37.5
ELG-200-42DA	200 Watt	42V DC 4.76A	-	+/- 2.0%	250mVp-p	92.5%	244.0 x 71.0 x 37.5
ELG-200-48	200 Watt	48V DC 4.16A	-	+/- 2.0%	250mVp-p	93.0%	244.0 x 71.0 x 37.5
ELG-200-48A	200 Watt	48V DC 4.16A	+/- 10%	+/- 2.0%	250mVp-p	93.0%	244.0 x 71.0 x 37.5
ELG-200-48B	200 Watt	48V DC 4.16A	-	+/- 2.0%	250mVp-p	93.0%	244.0 x 71.0 x 37.5
ELG-200-48DA	200 Watt	48V DC 4.16A	-	+/- 2.0%	250mVp-p	93.0%	244.0 x 71.0 x 37.5
ELG-200-54	200 Watt	54V DC 3.72A	-	+/- 2.0%	350mVp-p	93.0%	244.0 x 71.0 x 37.5
ELG-200-54A	200 Watt	54V DC 3.72A	+/- 10%	+/- 2.0%	350mVp-p	93.0%	244.0 x 71.0 x 37.5
ELG-200-54B	200 Watt	54V DC 3.72A	-	+/- 2.0%	350mVp-p	93.0%	244.0 x 71.0 x 37.5
ELG-200-54DA	200 Watt	54V DC 3.72A	-	+/- 2.0%	350mVp-p	93.0%	244.0 x 71.0 x 37.5

ELG series of LED power supplies from 240W to 300W.
 Universal AC input up to 305V AC full range.
 Built-in PFC function.
 Full 5 year warranty.

- Blank Type:** 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)
- DA Type:** IP67 rated with DALI control technology



ELG-240-24A

A comprehensive range of constant current and constant voltage LED power supplies from 240W to 300W. The input voltages are 100~180V and 200~305V AC, with output voltages ranging from 24V to 54V DC. The models are protected to either IP65 or IP67 depending on the type and are suitable for harsh environments, including both indoor and outdoor use. The design is metal housing with functional ground. Units have built-in active PFC function and are Class 2 power units. Models boast high efficiencies of up to 93% and feature a typical lifetime of > 50,000 hours. The ambient temperature range is from -40 °C to +85 °C, cooled by free air convection. The units are suitable for a number of applications, including: LED street lighting, LED architectural lighting, LED bay lighting, and LED floodlighting. All types are approved to CSA C22.2 No. 250.13-12, EN 61347-1, EN 61347-2-12, EN 62384, IEC 61347-1, and IEC 61347-2-12. Lastly, they come with a full 5 year warranty, for complete peace of mind after purchase.

Reference	Wattage	Output Voltage and Current	Output Adjuster	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)
ELG-240-24	240 Watt	24V DC 10.00A	-	+/- 2.0%	200mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-24A	240 Watt	24V DC 10.00A	+/- 10%	+/- 2.0%	200mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-24B	240 Watt	24V DC 10.00A	-	+/- 2.0%	200mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-24DA	240 Watt	24V DC 10.00A	-	+/- 2.0%	200mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-36	240 Watt	36V DC 6.66A	-	+/- 2.0%	250mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-36A	240 Watt	36V DC 6.66A	+/- 10%	+/- 2.0%	250mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-36B	240 Watt	36V DC 6.66A	-	+/- 2.0%	250mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-36DA	240 Watt	36V DC 6.66A	-	+/- 2.0%	250mVp-p	92.0%	180.0 x 63.0 x 35.5
ELG-240-42	240 Watt	42V DC 5.71A	-	+/- 2.0%	250mVp-p	92.5%	180.0 x 63.0 x 35.5
ELG-240-42A	240 Watt	42V DC 5.71A	+/- 10%	+/- 2.0%	250mVp-p	92.5%	180.0 x 63.0 x 35.5
ELG-240-42B	240 Watt	42V DC 5.71A	-	+/- 2.0%	250mVp-p	92.5%	180.0 x 63.0 x 35.5
ELG-240-42DA	240 Watt	42V DC 5.71A	-	+/- 2.0%	250mVp-p	92.5%	180.0 x 63.0 x 35.5
ELG-240-48	240 Watt	48V DC 5.00A	-	+/- 2.0%	250mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-240-48A	240 Watt	48V DC 5.00A	+/- 10%	+/- 2.0%	250mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-240-48B	240 Watt	48V DC 5.00A	-	+/- 2.0%	250mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-240-48DA	240 Watt	48V DC 5.00A	-	+/- 2.0%	250mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-240-54	240 Watt	48V DC 4.45A	-	+/- 2.0%	350mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-240-54A	240 Watt	48V DC 4.45A	+/- 10%	+/- 2.0%	350mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-240-54B	240 Watt	48V DC 4.45A	-	+/- 2.0%	350mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-240-54DA	240 Watt	48V DC 4.45A	-	+/- 2.0%	350mVp-p	93.0%	180.0 x 63.0 x 35.5
ELG-300-24A	300 Watt	24V DC 12.50A	+/- 10%	+/- 2.0%	240mVp-p	93.0%	191.0 x 63.0 x 35.5

GUIDE TO IP RATINGS: PROTECTION OF PERSONS AND THE PROTECTION OF EQUIPMENT

An IP rating is used when specifying the protection of enclosures, and covers for electrical or electronic equipment, from dust, solid objects, and fluids.

The first number refers to the protection against dust and solid objects and the second number refers to the protection against fluids and moisture.

First Digit	Definition	Second Digit	Definition
X	Protection unspecified (not stated)	X	Protection unspecified (not stated)
0	Non-protected	0	Non-protected
1	Protection of the back of the hand against accidental access to hazardous parts and protection of equipment against objects larger than 50 mm	1	Protection against drops of water falling vertically
2	Protection of fingers against access to hazardous parts and protection of equipment against objects larger than 12.5 mm	2	Protection against drops of water falling vertically when the object is tilted up to 15° from the vertical
3	Protection of persons holding tools or wires (larger than 2.5 mm in diameter) and protection of equipment against objects larger than 2.5 mm	3	Protection against spraying water up to 60° from the vertical
4	Protection of persons holding small tools or wires (larger than 1 mm in diameter) and protection of equipment against objects larger than 1 mm	4	Protection against splashing and spraying water from all practical directions with limited ingress permitted
5	Protection against entry of dust in sufficient quantity to interfere with the satisfactory operation of the equipment	5	Protection against low pressure jets of water from all practical directions with limited ingress permitted
6	Complete protection against the entry of dust	6	Protection against heavy seas or a strong jet of water from all practical directions (e.g. for use on ships decks)
		7	Protection against the effects of immersion between 15 cm and 1 m in depth
		8	Protection against long periods of immersion under pressure (tests subject to agreement)

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