



LIGHT YOUR WAY

LED POWER SUPPLY

The LED power supply is a dedicated LED driving device that delivers a constant current/voltage or generates an adjustable current controlled by an external dimmer to LEDs. Depending on its types or design concept, some of them not only have PFC capability but also can be located in a harsh environment such as dusty, humid places. European standard AC input range.

Benefits:

- Protections: short circuit/overload/over voltage/over temperature
- Cooling by free air, high reliability

Features:

- can be used in dry, wet and rainy environments
- 100% full load burn-in test
- Compliance with worldwide safety regulations for led lighting.

Application:

- Widely used in LED lighting and IT equipment
- Offices and shops.



LED WATERPROOF POWER SUPPLY



IP67 design for indoor or outdoor installation

Service Environment

Working Temp.	-45°C~70°C
Working Humidity	20~99%RH
Storage Temp.	-50°C~80°C
Storage Humidity	10~99%RH

Protection

Overload	Yes, cut-off mode, output shuts down if 5- 30% overloaded, automatic recovery
Short Circuit	Yes, cut-off mode, recovers automatically after fault condition is removed

Safety

Safety Standard	EN 61347-2-13
Withstand Voltage	I/P-O/P: 3000VAC/1min/<5mA
Isolation Resistance	I/P-O/P: >100M Ohms / 500VDC /25°C / 70%RH

Brief Information

60-400W

WATERPROOF IP67

MODEL: 12V400W

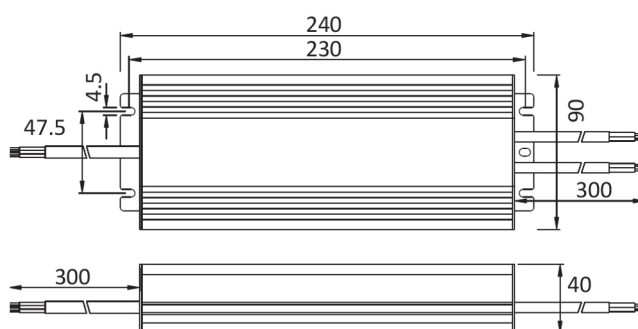
INPUT: 85-265V AC 50/60Hz

OUTPUT: DC12V 5-33.3A



Specifications:

Unit: mm



		Product Code	ULT_LEDPS	Power	60W-100W-200W-300W-400W
Energy Consumption	60 kWh/1000h	Input voltage	AC100-240V	IP	67
Light Color	None	EAN Code	20240800012000	Output Voltage	DC12V
Power Factor	0.5	On/Off Cycles	25 000x	Instant On	0.1s
Material	Aluminium	Operating Frequency	50-60 Hz	Temperature	-45°C-70°C
Life span	30 000 Hours	Body Color	BLUE	Size of product	NON
Input Current	85-265V	Color Of The Shell	SILVER	Output Current	5 - 33.3A

LED WATERPROOF POWER SUPPLY



Pure Copper Transformer, with PC44 above material and pure copper coil, with Protective Cover Design make prevent electric shock with quick and easy installation.

Protection

Overload	Yes, cut-off mode, output shuts down if 5- 30% overloaded, automatic recovery
Short Circuit	Yes, cut-off mode, recovers automatically after fault condition is removed

Safety

Safety Standard	EN 61347-2-13
Withstand Voltage	I/P-O/P: 3000VAC/1min/<5mA
Isolation Resistance	I/P-O/P: >100M Ohms / 500VDC /25°C / 70%RH

Brief Information

60-400W

HIGH QUALITY - LONG LIFE

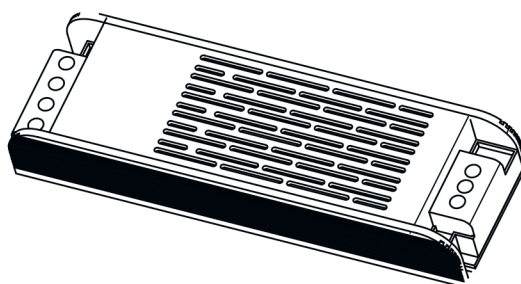
MODEL: 200W-24V

INPUT: 85-265V AC 50/60Hz

OUTPUT: DC24V 2.5-16.6 A

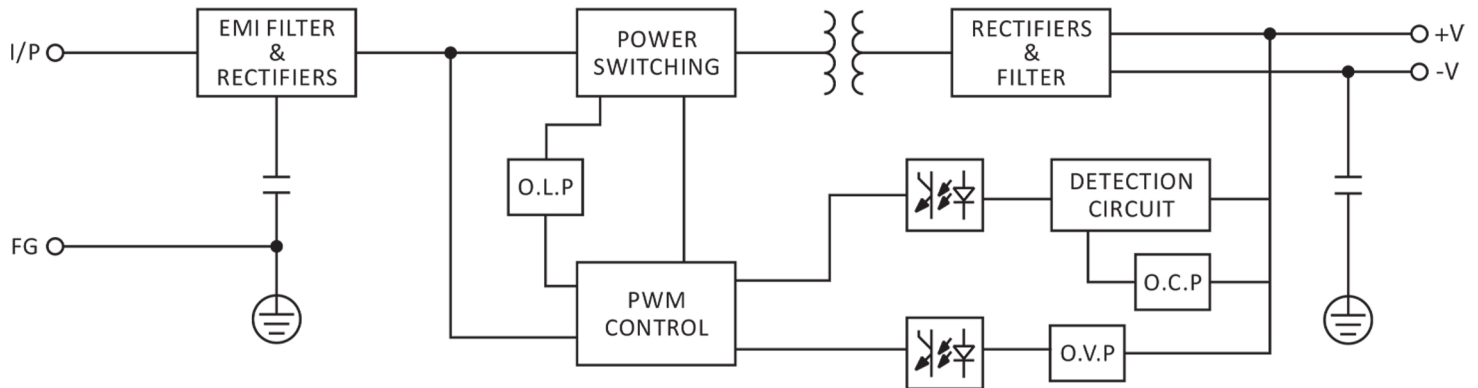


Specifications:

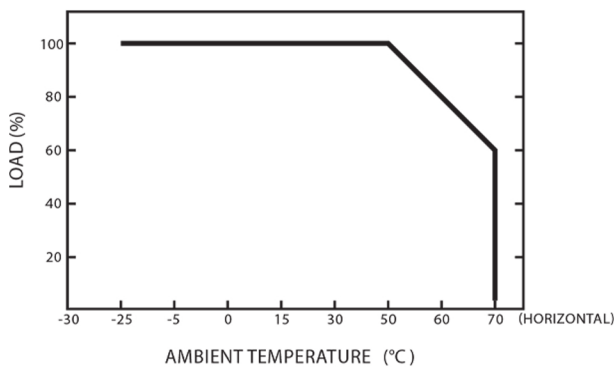


		Product Code	ULT_LEDPS	Power	60W-120W-200W-300W-400W
Energy Consumption	60 kWh/1000h	Input voltage	85-265V	IP	20
Light Color	None	EAN Code	20240800012000	Output Voltage	DC12V
Power Factor	0.5	On/Off Cycles	25 000x	Instant On	0.1s
Material	Aluminium	Operating Frequency	50-60 Hz	Temperature	-20°C / +40°C
Life span	30 000 Hours	Body Color	BLUE	Size of product	NON
Input Current	85-265V	Color Of The Shell	SILVER	Output Current	2.5 - 16.6A

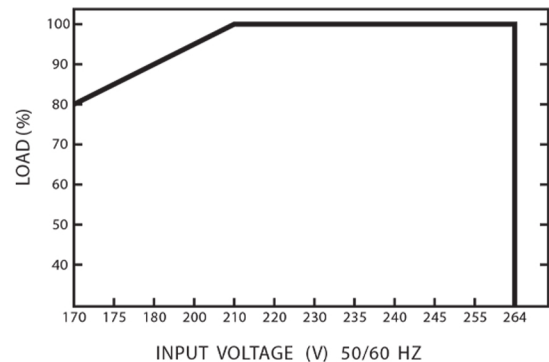
Block Diagram



Derating Curve



Static Characteristics



Installation Tips:

- Please identify the power supply's input and output before installation.
- Ensure correct output + & - wire connection.
Power on after wire connection is done.
- To avoid voltage drop and loading capacity wasting on the output extension wire, please install the power supply to the loading as near as possible, if must use long extension wires, thicker wires and less loading wattage is required.
- The power supply to be installed at good ventilation and cooling environment.