



## 60W 12V DC LED Power Supply

MODEL EPS-12E60  
 INPUT 180~250V AC  
 OUTPUT 12V DC 5.00A 60W

### Features:

- Slimline design
- Fully sealed with plastic housing IP67
- No ground connection

SELV



### INPUT

INPUT VOLTAGE	180~250V AC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	50/60Hz
EFFICIENCY	85%
AC CURRENT	≤0.49A@230VAC
AC INRUSH CURRENT	2.1A@230VAC
LEAKAGE CURRENT	0.25mA/230VAC

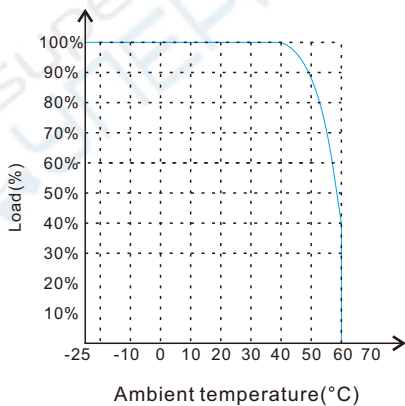
### PROTECTION

OVER LOAD	105%-120% rated power, Protection Type:auto-recovery, after fault condition is removed
SHORT CIRCUIT	105%-120% rated power, Protection Type:auto-recovery, after fault condition is removed

### SAFETY & EMC

SAFETY STANDARDS	IEC61347 A1 +A14
EMC	EN 55015;EN 61547;EN 61000-3-2; EN 61000-3-3
WITHSTAND VOLTAGE	I/P-FG:1.5KV AC I/P-O/P:3.0KV AC
ISOLATION	I/P-O/P:> 100M Ohms/500VDC/25°C /75%RH

### LOADING AND AMBIENT TEMPERATURE



### OUTPUT

DC OUTPUT	12V
OUTPUT CURRENT	5.00A
RATED POWER	60W
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE	200mV P-P(Max.)
SETUP RISE TIME	≤2000mS(Max.)/230VAC

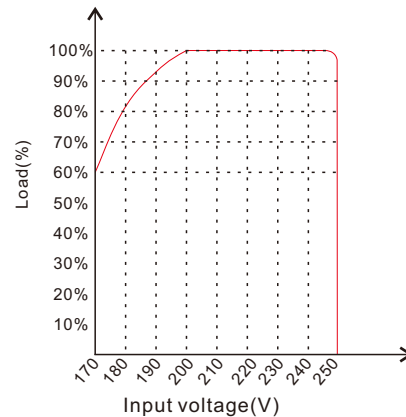
### ENVIRONMENT

OPERATING TEMPERATURE	-25°C~+40°C (Refer to the derating curve of "Loading and Ambient temperatur")
OPERATING HUMIDITY	5%~95%
STORAGE TEMPERATURE	-35°C~+65°C

### WEIGHT & PACKING

PRODUCT DIMENSION	149x48x31.5mm
NET WEIGHT	0.40KG
QUANTITY/CARTON	20PCS
PACKING DIMENSION	350x160x100mm
GROSS WEIGHT	10KG

### LOADING AND INPUT VOLTAGE



### INSTALLATION GUIDE

- It is recommended to use no more than 80% of the rated load of a power supply, to have tolerance for the power increase of LED modules or strips when their running temperature goes up.
- It is very important to have enough ventilation for a power supply to avoid overheating.
- Do not install the power supply in a closed place, or near flammable or explosive objects, or in a place easily flooded.
- Choose wires with correct AWG or copper area for electrical connection according to the rated current.

## OVERVIEW



## TOP VIEW



## FRONT VIEW



## BOTTEM VIEW



## AC INPUT CONNECTION



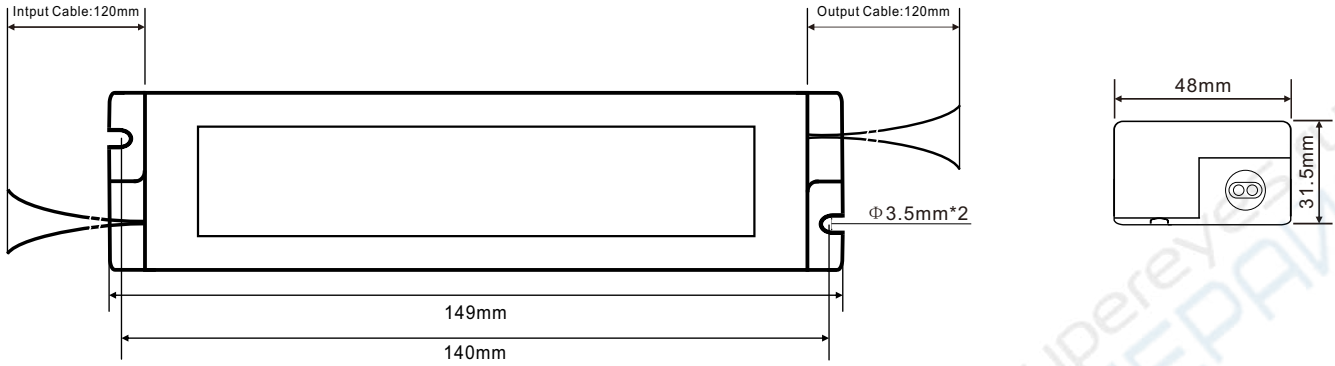
N:Blue  
L:Brown

## DC OUTPUT CONNECTION



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## PRODUCT DIMENSIONS



## INNER BOX



## OUTER CARTON

