



100W 12V DC LED Power Supply

MODEL HPS-12E100
 INPUT 90~264V AC
 OUTPUT 12V DC 8.33A 100W



Features:

- With built-in Active PFC(Power Factor Corrector), PF> 0.9
- Meet the IEC energy efficiency standards.5 Years warranty
- Waterproof IP67,suitable for indoor or outdoor LED application
- Long life span waterproof LED power supply with high efficiency
- With EMC, meet the newest electromagnetic compatibility standard
- Seamless aluminum housing with Class I design & Cooling by free air convection
- Protection: undervoltage/short circuit/over voltage/over load

SELV

INPUT

INPUT VOLTAGE	90~264V AC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	47~63Hz
EFFICIENCY	88%
AC CURRENT	≤0.52A@230VAC
AC INRUSH CURRENT	60A@230VAC
LEAKAGE CURRENT	0.5mA/254.4VAC

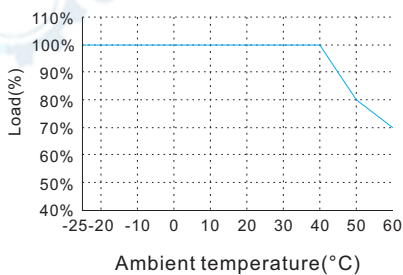
PROTECTION

OVER LOAD	95%-105% rated power, Protection Type:auto-recovery, after fault condition is removed
SHORT CIRCUIT	Protection Type:recovery automatically 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 ISOLATION	I/P-FG:1.5KV AC I/P-O/P:3.0KV AC I/P-O/P:> 100M Ohms/500VDC/25°C /75%RH

LOADING AND AMBIENT TEMPERATURE



OUTPUT

DC OUTPUT	12V
OUTPUT CURRENT	8.33A
RATED POWER	100W
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE	200mV P-P(Max)
SETUP RISE TIME	2000mS(Max)@230VAC

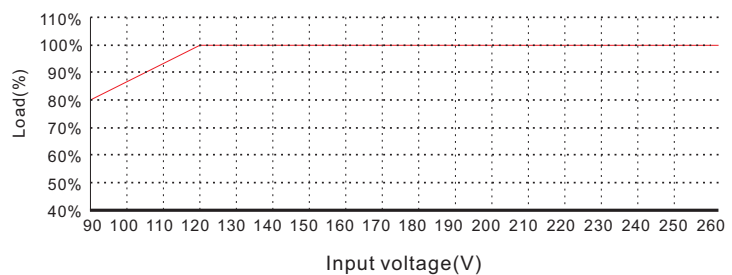
ENVIRONMENT

OPERATING TEMPERATURE	-25°C~+60°C (Refer to the derating curve of "Loading and Ambient temperature")
OPERATING HUMIDITY	RH=5%~95%
STORAGE TEMPERATURE	-35°C~+65°C

OTHERS

PRODUCT DIMENSION	227x71.5x38mm
NET WEIGHT	0.96Kg
QUANTITY	10PCS
PACKING DIMENSION	315x265x225mm
GROSS WEIGHT	11.5KG

LOADING AND INPUT VOLTAGE



INSTALLATION GUIDE

- The LEDs will work abnormal when the power supply is overloaded or short circuited.
- Ventilation is important for a power supply for longer life span. Do not install the power supply in a place that is completely sealed, or near objects flammable&explosible, or easily be flooded.
- To make sure brightness of each LED is even, please use the right electrical wire according to actual loading.

PRODUCT DIMENSION



INSTALLATION DIMENSION



FRONT VIEW



TOP VIEW

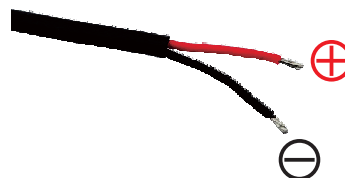


AC INPUT DIAGRAM

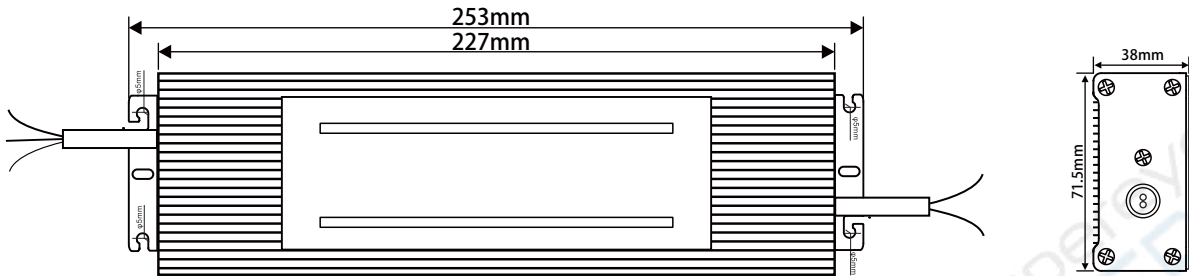


G: Yellow/Green
 L: Brown
 N: Blue

DC OUTPUT DIAGRAM



■ PRODUCT DIMENSION



■ INSIDE BOX

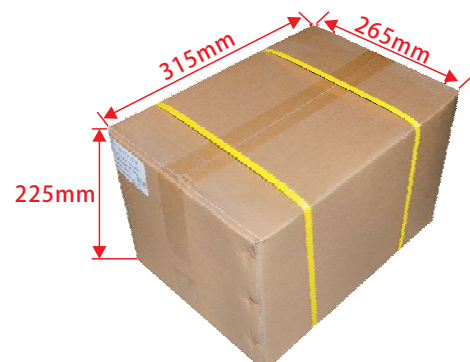


NET WEIGHT/pcs:0.96kg

■ OUTSIDE CARTON



10pcs/CTN



Weight:11.5kg