Sign LEDs & Accessories

CLASS 2 POWER SUPPLY

180W - TRIPLE Output 60W each, 12VDC 5A

Constant Voltage Circuit

LP-1218

7 Years Warranty

DC12V | Constant Voltage | IP68 | E495853 | CE | RoHS | 7 Years Warranty

SELV LPS

- Constant Voltage
- AC Input Voltage: 100 ~ 277VAC
- DC Output: 180W - Triple 60W each, 12VDC 5A
- Protection: Over Load, Short Circuit
- IP68
- Waterproof Aluminum Metal Case
- UL Safety standards
- EMC
- Withstand Voltage Isolation
- 7 Years warranty

c US | c UL US LISTED | c ETL US | RoHS

LLA LED

www.LLA-LED.com

LLA LED
Sign LEDs & Accessories

SELV LPS

INPUT

INPUT VOLTAGE	100~277V AC(±10%) (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	47~63Hz
EFFICIENCY	89%
AC CURRENT	≤ 0.96A@220VAC ≤ 2.13A@110VAC
AC INRUSH CURRENT	≤ 65A@220VAC
LEAKAGE CURRENT	≤ 0.75mA@277VAC

OUTPUT

DC OUTPUT	12V
OUTPUT CURRENT	15A
RATED POWER	180W
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE	250mV P-P(Max.)
SETUP RISE TIME	≤ 1000mS(Max.)@220VAC ≤ 2000mS(Max.)@100VAC

PROTECTION

OVER LOAD	95%-120%rated power, Protection Type: it will becomes constant current output and the voltage drops.
SHORT CIRCUIT	Protection Type: output becomes Hiccup mode, and will recover automatically after the fault condition is removed.

ENVIRONMENT

OPERATING TEMPERATURE	-25℃~+60℃ (Refer to the derating curve of "Loading and Ambient temperatuer")
WATERPROOF LEVEL	IP68
STORAGE TEMPERATURE	-35℃~+65℃

SAFETY & EMC

SAFETY STANDARDS	UL 1310 UL8750 IEC61347 A1 +A13
EMC	FCC EN 55015;EN 61547;EN 61000-3-2; EN 61000-3-3
WITHSTAND VOLTAGE	I/P-FG:1.5KV AC I/P-O/P:3.75KV AC O/P-FG:1KV AC
ISOLATION	I/P-O/P:>100M Ohms/500VDC/25℃/75%RH

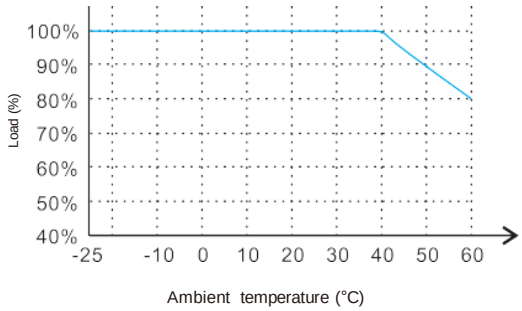
WEIGHT & PACKING

PRODUCT DIMENSION	255x71.5x38mm
NET WEIGHT	1.17KG
QUANTITY	10PCS
PACKING DIMENSION	285x235x190mm
GROSS WEIGHT	13.7KG

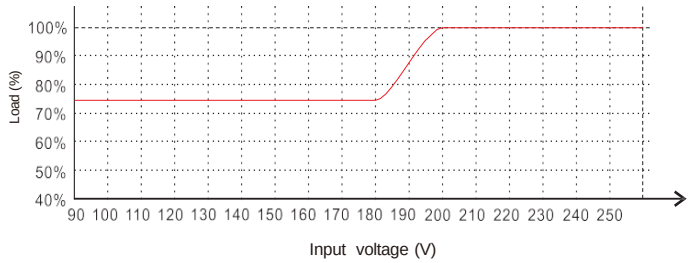
www.LLALED.ca leo.lee@leoleeassociates.com 519-573-1024

SELV LPS

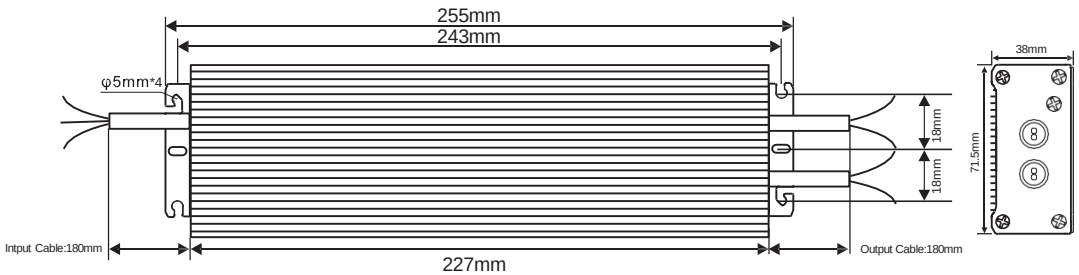
LOADING AND AMBIENT TEMPERATURE



LOADING AND INPUT VOLTAGE



INSTALLATION GUIDE

-It is important to have enough ventilation of a power supply for longer life span and higher reliability;
-Do not install the power supply in a place that is completed sealed or close to flammable or explosive objects;
-Choose the correct AWG for electrical connection according to the rated current.

PRODUCT DIMENSION