LED Power Supply
LPV-12U150

Features:

-Protections:Short circuit / Over load/Over voltage
Over temperature
-Cooling by free air convection
-100% full load burn-in test
-Compliance to GB19510.14/IL1310/EN61347-2-13

CE IP67

INPUT

INPUT VOLTAGE	100~265VAC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	50/60Hz
EFFICIENCY	92%
AC CURRENT	⩽1.5A@220VAC
AC INRUSH CURRENT	40A@220VAC
LEAKAGE CURRENT	2mA/220VAC

OUTPUT

DC OUTPUT	12V
OUTPUT CURRENT	12.5A
RATED POWER	150W
VOLTAGE TOLERANCE	±0.5%
SETUP RISE TIME	⩽2000mS(Max.)/230VAC

PROTECTION

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

ENVIRONMENT

OPERATING TEMPERATURE	-20℃~+70℃ (Refer to the derating curve of "Loading and Ambient temperature")
OPERATING HUMIDITY	20%~90%
STORAGE TEMPERATURE	-40℃~+85℃

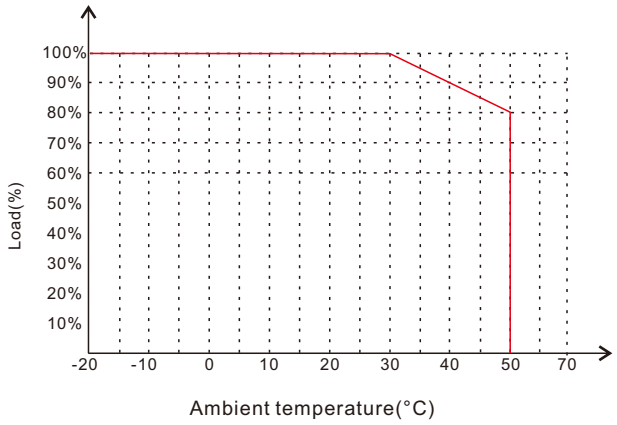
SAFETY & EMC

EMC	GB19510.1-2009,GB19510.14-2009;CCC GB4943
SAFETY STANDARDS	EN 61000-4-2,3,4,5,6,8,11;EN61547; EN55024,EN61000-6-1,A
	Gb9254 CLASS B, EN55022 CLASS B,EN55024 CLASS B
WITHSTAND VOLTAGE	I/P-FG: 1.5KV AC I/P-O/P: 3.0KV AC O/P-FG:0.5KV AC
ISOLATION	I/P-O/P: >20M Ohms/500VDC/25℃/70%RH

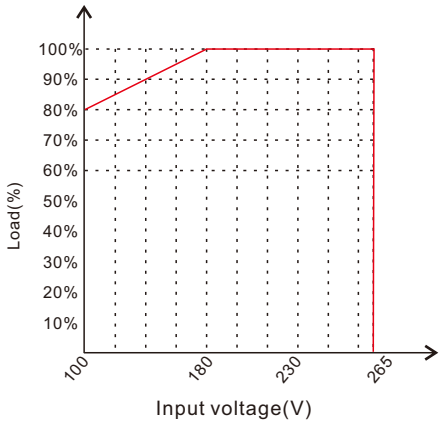
WEIGHT & PACKING

PRODUCT DIMENSION	190x63x38mm
QUANTITY	30PCS
GROSS WEIGHT	25.35KG

LOADING AND AMBIENT TEMPERATURE



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.

REV:A0
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PRODUCT DIMENSION