



IP67 SELV     

LED Power Supply

MODEL RPV-24E60
INPUT 180~264VAC
OUTPUT 24V DC 2.5A 60W

Features:

- Constant Voltage design
- Protections: Short circuit / Over load/Over current
- Cooling by Convection or Forced air
- 100% full load burn-in test
- High Reliability
- IP67 waterproof grade

INPUT

INPUT VOLTAGE 180~264VAC
(Refer to the derating curve of
"Loading and Input voltage")

FREQUENCY RANGE 50/60Hz
EFFICIENCY 92%
AC CURRENT $\leq 0.71\text{A}@230\text{VAC}$
AC INRUSH CURRENT $60\text{A}@230\text{VAC}$
LEAKAGE CURRENT $0.75\text{mA}/230\text{VAC}$

PROTECTION

OVER LOAD 105%-130% rated power,
Protection Type:auto-recovery,
after fault condition is removed

SHORT CIRCUIT Protection Type:recovery
automatically after fault condition
is removed

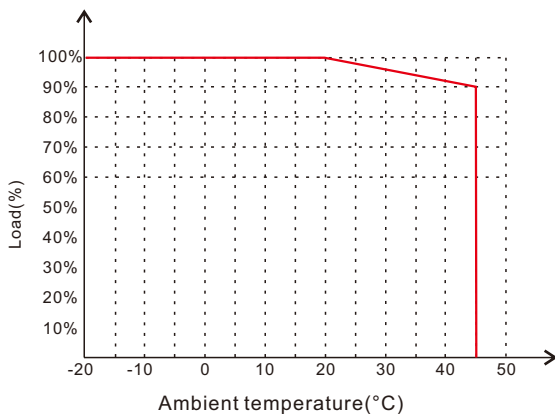
SAFETY & EMC

SAFETY STANDARDS EN61347-2-13:2006, EN61347-1:2008
EMC

WITHSTAND VOLTAGE I/P-COVER: 1.5KV AC I/P-O/P: 1.5KV AC
O/P-COVER: 500VDC

ISOLATION I/P-O/P: $>100\text{M Ohms}/500\text{VDC}/25^\circ\text{C}/70\%\text{RH}$

LOADING AND AMBIENT TEMPERATURE



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.

OUTPUT

DC OUTPUT 24V
OUTPUT CURRENT 2.5A
RATED POWER 60W
VOLTAGE TOLERANCE $\pm 5\%$
RIPPLE NOISE (MAX) 200mV P-P (Max.)
SETUP RISE TIME $\leq 6000\text{mS (Max.)}/230\text{VAC}$

ENVIRONMENT

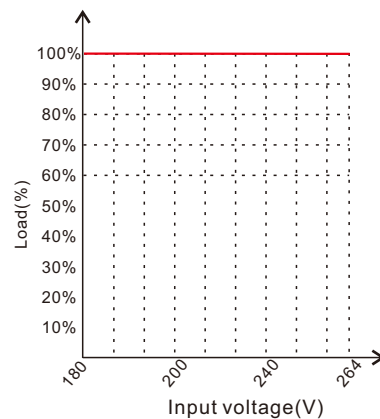
OPERATING TEMPERATURE $-20^\circ\text{C} \sim +45^\circ\text{C}$
(Refer to the derating curve of
"Loading and Ambient temperature")

OPERATING HUMIDITY $20\% \sim 90\%$
STORAGE TEMPERATURE $-40^\circ\text{C} \sim +80^\circ\text{C}$

WEIGHT & PACKING

MTBF $\geq 50\text{Khrs. MIL-HDBK-217F (25}^\circ\text{C)}$
PRODUCT DIMENSION $65 \times 26\text{mm}$
NET WEIGHT 140g

LOADING AND INPUT VOLTAGE



PRODUCT DIMENSION

