

PS2424

Total Power	60 Watts
Input Voltage	90-277 VAC
Outputs	One

SPECIAL FEATURES

- Wide input voltage
- IEEE C62.41 category C (overvoltage class C environments)
- Hybrid surge suppression
- Line filters
- EN55022 Class B EMI
- Gas discharge tubes/spark gaps and MOV's
- CC Class dual fusing
- Designed for harsh environment
- - 40°C to +70°C operating temperature
- EN60950 and UL 1449 compliant
- Water tight connectors and enclosure

ENVIRONMENTAL

Ambient Operating Temperature: - 20°C to +70°C continuous duty, full rating.

Humidity: up to 95% non-condensing

Temperature coefficient: $\pm 0.01\%$ / °C

Storage Temperature: - 50° to +85°C

Cooling: Convection cooled



ELECTRICAL SPECIFICATIONS

Input

Input.....90-277 VAC; 50-60Hz
Inrush current..... <30A peak
Isolation.....4242VDC (Input to Output)

Susceptibility specifications:

Complies with EN55022 & FCC Class B with minimum 6 dB margin

Efficiency.....> 70% typical at full load

Output

DC Output.....Maximum continuous output power
60 Watts. See Voltage/Current Rating Chart.
Line / Load Regulation...<1% typical
Ripple and Noise < 100mV (p-p)
Transient Response...2% Maximum deviation;

MECHANICAL

6.75" L X 2.25" H X 4.75" W (171.4mm X 57.1mm X 120.6mm)
NEMA 4 Aluminum Alloy enclosure

Input connector: Molex – 84641-0011

Output connector: Molex - LTWCB-04PMMS-SC

PIN Assignment

Output

Over voltage protection 130% (Hiccup)

Over current protection 130% (Hiccup)

Over temperature protection reset with hysteresis

Short Circuit Protection.....Will withstand a continuous short without damage.

Minimum Load Rqmt.....None

No Load Operation.....No damage to supply when operating at no load.

	PIN #	Function
Input	1 2 3	GND Line Neutral
Output	1,2 3,4	+12V RTN

Voltage/Current Rating Chart

Voltage	Current Minimum	Current Maximum
12V	0A	5A

Power For The New Technology

