

Power For The New Technology

PS2427

Total Power	60.3 Watts
Input Voltage	100-480 VAC $\pm 10\%$
Output	9V @ 6.7A

SPECIAL FEATURES

- 100-480 VAC $\pm 10\%$ input
- IEEE C62.41 category C (overvoltage class C environments)
- Hybrid surge suppression
- Line filters
- EN55022 Class B EMI
- Gas discharge tubes/spark gaps
- MOV's
- CC Class dual fusing
- Designed for harsh environment
- - 40°C to + 75°C operating temperature
- Can be mounted in a fully enclosed chassis with baseplate

ENVIRONMENTAL

Ambient Operating Temperature: -40 to +75°C continuous duty, full rating.

Humidity: Up to 95% non-condensing

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

Storage Temperature: - 45° to +85°C

Cooling: Convection cooled



ELECTRICAL SPECIFICATIONS

Input

Input.....100 -480 VAC $\pm 10\%$; 50-60Hz;

Inrush Current (264 Vac).....< 30 Amps peak

Isolation.....500VDC (Input to Output)

Susceptibility specifications:

EN 61000-3-2 AC Input line harmonic limits

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

Efficiency.....> 75% typical at full load

Output

DC Output.....Maximum continuous output power

60.3 Watts. See Voltage/Current Rating Chart.

Line / Load Regulation... ..< 2%

Ripple and Noise < 2% typical

Transient Response..2% Maximum deviation

MECHANICAL

7.38" L X 1.265" Max / 1.245" Min H (at heatsink) X 5.71" W
(187.5 mm X 32.1 / 31.6 mm X 145.2 mm)

Input connector: Fast-On

Output connector: Molex Mini Fit P/N 43879-0023

Status signals and Indicators:

N/A



Power For The New Technology

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.....See Voltage/Current chart.

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

Hold-Up Time.....< 20 ms typical

Voltage/ Current Rating Chart

Voltage	Current Minimum	Current Maximum
9.06V	0	6.7A



Power For The New Technology

