

DESCRIPTION

This series of AC/DC switching power supplies are for 180 watts of continuous output power. They are enclosed in a 94V-1 rated polyphenylene-oxide case with an IEC320/C8 inlet to mate with interchangeable cord for world-wide use. All models meet EN 55011 and FCC class B emission limits, and are designed for medical applications not for life-supporting equipment.



FEATURES

- High efficiency
- Low ripple & noise
- Over voltage protection
- Short-circuit protection
- Overpower protection
- Over temperature protection
- 100% burn-in at full rated load
- Standby consumption less than 0.5 W
- Compliant with CEC and ENERGY STAR efficiency level V requirements
- Compliant with RoHS requirements

WATTAGE

Wattage: 180W

DIMENSION

Dimension: 197.0mm(L) x 88.0mm(W) x 44.0mm(H)

INPUT SPECIFICATION

Input Range: 90-264 Vdc
Input Frequency: 50-60 Hz
Input Current: 2.4A(rms) for 115VAC, 1.2A(rms) for 230VAC
Leakage Current: 200 µA max. @ 264 VAC, 63 Hz

SAFETY STANDARD APPROVAL



OUTPUT SPECIFICATION

Ripple & Noise: Maximum excursion of 4% or better on all models, recovering to 1% of final value within 500 us after a 25% step load change
Over Current Protection: All models protected to short-circuit conditions

ENVIRONMENTAL SPECIFICATION

TEMP.Range: Operating Temperature: 0°C to +40°C
 Storage Temperature: -20°C to +80°C

OUTPUT ELECTRICAL

Single Output: 24 V/ 7.5 A

NOTES

1. Class-I models are equipped with IEC320/C14 inlet, and class-II models with IEC320/C8 inlet.
2. Ripple and noise is maximum peak to peak voltage value measured at output within 20 MHz bandwidth, at rated line voltage and output load ranges, and with a 47 µF electrolytic capacitor in parallel with a 0.1 µF ceramic capacitor across the output.

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