Medical PSU
FSP025-RAAM

DESCRIPTION

This series of AC/DC switching power supplies are for 25-30 watts of continuous output power. They are enclosed in a 94V-1 rated polyphenylene-oxide casewith an inlet of the IEC320/C14 to mate with interchangeable cord for world-wide use. All models meet EN55011 and FCC class B emission limits, and are designed for medical applications, not for life-supporting equipment.



FEATURES

- Interchangeable AC plugs
- High efficiency
- Low ripple & noise
- Over voltage protection
- Short-circuit protection
- 100% burn-in at full rated load
- Standby consumption less than 0.3 W
- Compliant with CEC and ENERGY STAR efficiency level V requirements
- Compliant with RoHS requirements

WATTAGE

Wattage:	25W

DIMENSION

Dimension:	117.8mm(L) x 49.8mm(W) x 32.0mm(H)

INPUT SPECIFICATION

Input Range:	90-264 Vdc
Input Frequency:	47-63 Hz
Input Current:	1.0A(rms) for115VAC, 0.6A(rms) for230VAC
Leakage Current:	100 μA max. @ 264 VAC,63 Hz

SAFETY STANDARD APPAOVAL

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: -40°C to + 85℃

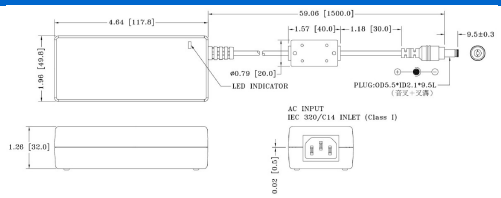
OUTPUT ELECTRICAL

Single Output:	5 V/ 5 A

NOTES

1. 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 10 μF tantalum capacitor in parallel with a 0.1 μF ceramic capacitor across the output.

MECHANICAL SPECIFICATION



This content is subject to change, please refer to specification for more detail.
FSP reserve the right to change the content without prior notice