



Medical PSU FSP105-KBAM1

DESCRIPTION

This series of AC/DC switching power supplies are for 90-105 watts of continuous output power. They are enclosed in a 94V-1 rated polyphenylene-oxide case with an IEC320/C14 to mate with interchangeable cord for world-wide use. All models meet EN55011, EN55022 and FCC class B emission limits, and are designed for medical applications.

FEATURES

- Low safety ground leakage current
- Wide input range 90 to 264 VAC
- OVP, OCP, OTP protection
- Compliant with CEC and Energy Star Efficiency level V requirements
 - * No load power consumption less than 0.5 W
 - * Average active efficiency greater than 87%
- Peak power (2 times of rated power) for voltage bellow 24V models
- Optional output connectors

WATTAGE

Wattage: 105W

DIMENSION

Dimension: 146.2mm(L) x 75.2mm(W) x 39.0mm(H)

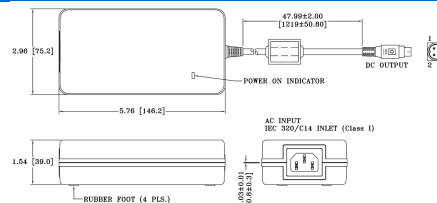
INPUT SPECIFICATION

Input Range: 90-264 Vdc
Input Frequency: 47-63 Hz
Input Current: 1.4A(rms) for 115VAC,
0.7A(rms) for 230VAC
Leakage Current: 200 μ A max. @ 264 VAC, 63 Hz

NOTES

- For 10 seconds maximum, average power not to exceed maximum power rating.
- 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 μ F tantalum capacitor in parallel with a 0.1 μ F ceramic capacitor across the output.

MECHANICAL SPECIFICATION



SAFETY STANDARD APPROVAL



OUTPUT SPECIFICATION

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

ENVIRONMENTAL SPECIFICATION

TEMP.Range: Operating Temperature: 0°C to +60°C
Storage Temperature: -40°C to +85°C

OUTPUT ELECTRICAL

Single Output: 19 V/ 5.52 A

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