

## DESCRIPTION

This series of AC/DC switching power supplies are for 85 watts of continuous output power. They are enclosed in a 94V-0 rated polyphenylene-oxide case with an IEC320/C8 inlet 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

- High efficiency
- Low safety ground leakage current
- Wide input range 90-264 VAC
- 100% burn-in
- Overvoltage protection
- Short-circuit protection
- Overpower protection
- Compliant with CEC and Energy Star Efficiency level V requirements

\*No load power consumption less than 0.5 W

\*Average active efficiency  $\geq 87\%$

- Compliant with RoHS requirements
- Compliant with IPX1

## WATTAGE

**Wattage:** 85W

## DIMENSION

**Dimension:** 134.0mm(L) x 58.0mm(W) x 32.0mm(H)

## INPUT SPECIFICATION

**Input Range:** 90-264 Vdc  
**Input Frequency:** 47-63 Hz  
**Input Current:** 1.70A(rms) for 115VAC,  
 0.90A(rms) for 230VAC  
**Leakage Current:** 100  $\mu$ A 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  $\mu$ 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  
**Humidity:** Operating : 5% to 95% RH, Non-condensing

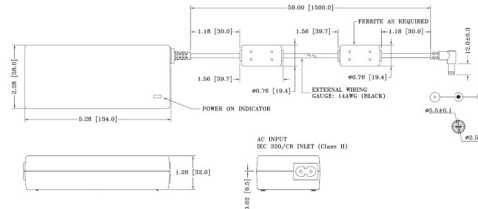
## OUTPUT ELECTRICAL

**Single Output:** 24 V/ 3.54 A

## NOTES

1. Ripple and noise is maximum peak to peak voltage value measured at output within 20MHz bandwidth, at rated line voltage and output load ranges, and with a 10  $\mu$ F tantalum capacitor in parallel with a 0.1 $\mu$ F 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