

## 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 case with an inlet of the IEC320/C14 to mate with interchangeable cord for worldwide 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:** 30W

## 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) for 115VAC,  
0.6A(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:** All models protected to short-circuit conditions

## ENVIRONMENTAL SPECIFICATION

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

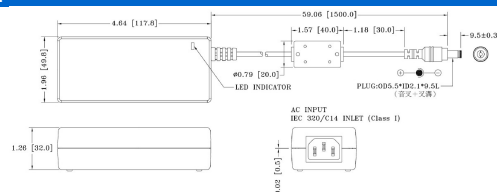
## OUTPUT ELECTRICAL

**Single Output:** 15 V / 2 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  $\mu$ 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