



# Medical PSU FSP065-DHCM1 / FSP065-DHBM1

## DESCRIPTION

This series of AC/DC switching power supplies can deliver 65 watts of continuous output power. High efficiency & compact dimension with an IEC320/C8 (FSP065-DHCM1) or IEC320/C6 (FSP065-DHBM1) inlet to mate with interchangeable cord for world-wide use.

## FEATURES

- Class-I or Class-II design with IEC320/C8 input AC socket
- Compact size 129 \* 51 \* 31 mm
- High altitude 5000M operation
- Low safety ground leakage current 100  $\mu$ A
- Meet EN55011/55022 and FCC Class B
- OVP, OCP, OTP protection
- Compliant with Energy Star efficiency level V
- No load power consumption less than 0.5 W
- Average active efficiency  $\geq$ 87%
- Optional output connector is provided

## WATTAGE

**Wattage:** 65W

## DIMENSION

**Dimension:** 129.0mm(L) x 51.0mm(W) x 31mm(H)

## INPUT SPECIFICATION

**Input Range:** 90-264 Vac  
**Input Frequency:** 47-63 Hz  
**Input Current:** 1.80A (rms) for 115VAC, 0.9A (rms) for 230VAC  
**Leakage Current:** 100  $\mu$ A max. @ 264 VAC, 63 Hz

## NOTES

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.

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



## SAFETY STANDARD APPROVAL



## ENVIRONMENTAL SPECIFICATION

**TEMP.Range:** Operating Temperature: 0°C to +40°C  
Storage Temperature: -20°C to +85°C  
**Humidity:** Operating : 5% to 95% RH, Non-condensing

## OUTPUT ELECTRICAL

**Single Output:** 12 V/ 5 A  
**Line Regulation:** +/- 1%  
**Load Regulation:** +/- 5%