



Medical PSU FSP300-70MU

DESCRIPTION

This series of AC/DC switching power supplies in a 1U form factor 190 x 100 x 40.5 mm chassis are capable of delivering 300~ 350 watts continuous power. High efficiency is comply with 80PLUS.

WATTAGE

Wattage: 300W

DIMENSION

Dimension: 190.0mm(L) x 100.0mm(W) x 40.5mm(H)

INPUT SPECIFICATION

Input Range: 90-264 Vdc
Input Frequency: 47-63 Hz
Input Current: 5A(rms) for 115VAC, 3A(rms) for 230VAC
Leakage Current: μ A max. @ 264 VAC, 63 Hz



SAFETY STANDARD APPROVAL



ENVIRONMENTAL SPECIFICATION

TEMP. Range: Operating Temperature: 0°C to +50°C
 Storage Temperature: -20°C to +80°C

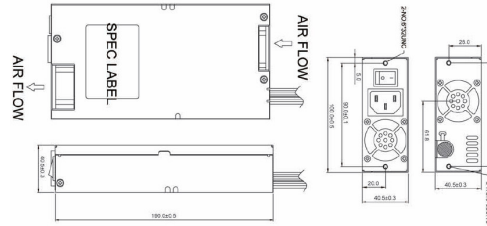
*Output Voltage and Current Rating

| | +3.3V | +5V | +12V1 | +12V2 | +12V3 | +12V4 | +12V5 |
|-----------------------------|-----------|-----------|-----------|-----------|------------|------------|-----------|
| Ripple-Noise(R-P) mV | 0mV | 0mV | 0mV | 0mV | 0mV | 0mV | 0mV |
| Regulation Load % | $\pm 5\%$ | $\pm 5\%$ | $\pm 5\%$ | $\pm 5\%$ | $\pm 10\%$ | $\pm 10\%$ | $\pm 5\%$ |
| Output Max. (A) | 16A | 18A | 16A | 16A | 0.5A | 0.2A | 2.5A |
| Output Min. (A) | 0.5A | 0.5A | 1A | 1A | 0A | 0A | 0A |

NOTES

- (1) The +12V1 and +12V2 and +5V and +3.3V total output shall not exceed 281W.
- (2) The +12V1 and +12V2 total output shall not exceed 20A.
- (3) The +3.3V and +5V total output shall not exceed 120 watts.
- (4) Total output for this subject power supply is 300 watts.
- (5) Ripple and noise measurements shall be made under all specified load conditions through a single pole low pass filter with 20MHz cutoff frequency. Outputs shall bypassed at the connector with a 0.1 μ F ceramic disk capacitor and a 10 μ F electrolytic capacitor to simulate system loading.

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