

EFRP-S2500

2U 500W Server Power Supply

Features:

- High Efficiency $\geq 85\%$
- N+1 Redundant Design
- 0~50°C Working Temperature
- SSI Standard Compliant
- PMBus Support

General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Hold Up Time: 17ms minimum, at full load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 50 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, TUV, CCC, CB, BSMI



Input and Output Characteristics

Input			Output					
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	+5VSB
100~240 VAC	47~63Hz	7~3.5A	Max.Load	28A	32A	41A	0.5A	3A
			Min.Load	0.1A	0.1A	0.5A	0A	0.1A

1. The +5 & +3.3 Volt combine total output current shall not exceed 200W

Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	±5%	± 5%	± 5%	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	60mV	60mV	120mV	120mV	60mV

Mechanical

Outline Dimension: 85.5x84x285(mm)

Outline Drawing

