

# EFRP-S2803

## ERP2U 800W Server Power Supply

### Features:

- N+1 Redundant Design
- 0~50°C Working Temperature
- PMBus Support

### General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: > 0.97 minimum
- Efficiency: ≥80%
- Hold Up Time: 17ms @ 80% Load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 40 °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	10~5A	Max.Load	25A	25A	65A	0.5A	3.5A
			Min.Load	0.5A	0.5A	0.8A	0.1A	0.1A

- The +5 & +3.3 Volt total output shall not exceed 150W.
- The maximum output power shall not exceed 800W.

### Ripple and Noise

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

## Mechanical

Outline Dimension: 101.8x83.4x280(mm)

## Outline Drawing

