

# EFRP-G2703

## ERP2U 700W 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%

The minimum power supply system efficiency shall be 80% at typical load, measured at following loads

Load	+3.3V	+5V	+12V	-12V	+5VSB	Total Output
100%	18	18	44.5	0.38	2.30	700
50%	9.59	9.59	21.86	0.19	1.15	350
20%	3.84	3.84	8.75	0.08	0.46	140

Tested at 115VAC input, FAN power consumption is included.

- 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 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	10~5A	Max.Load	25A	25A	57A	0.5A	3A
			Min.Load	0.5A	0.5A	0.8A	0.1A	0.1A

1. The +5 & +3.3 Volt total output shall not exceed 150W.

## 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

