

# EFRP-4553

## ERP4U 1500W Server Power Supply

### Features:

- N+1 Redundant Design
- 0~40°C Working Temperature
- SSI Standard Compliant

### General Specification

- Input Range: 110 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: ≥65%
- Hold Up Time: 17ms minimum, at full 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, CB, TUV, CCC, BSMI



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### Input and Output Characteristics

Input			Output						
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	-5V	+5Vsb
110~240 VAC	47~63Hz	22~11A	Max.Load	65A	70A	85A	1A		2A
			Min.Load	1A	3A	1A	0A		0A

- The +5 & +3.3 Volt combine total output shall not exceed 480W
- The +5, +3.3 and +12 Volt combine total output shall not exceed 1,480W
- Regulation tolerance shall include temperature change, warm up drift and dynamic load

### Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	+5/-3%	± 5/-4%	+5/-4%	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	50mV

## Mechanical

Outline Dimension: 102.2x167.2x300(mm)

## Outline Drawing

