

# EFRP-4603

## 1800W+600W Power Supply

### Features:

- N+1 Redundant Design
- 0~45°C Working Temperature
- SSI Standard Compliant

### General Specification

- ⊙ Input Range: 100 to 240 VAC, +/-10%
- ⊙ Power Factor: 0.95 minimum
- ⊙ Efficiency: ≥65%
- ⊙ Hold Up Time: 16ms 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 45 °C
- ⊙ Operating Humidity: 20 to 90 %
- ⊙ EMI/RFI: To be available
- ⊙ Safety: To be available



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### Input and Output Characteristics

Input			Output									
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	-5V	+5VSB
100~240 VAC	47~63Hz	28~14A	Max.Load	60A	60A	30A	30A	30A	30A	1A		2A
			Min.Load	2A	2A	1.5A	1.5A	1.5A	1.5A	0A		0A

1. The +5 & +3.3 Volt total output shall not exceed 450W.
2. Total +12V DC output power should not exceed 120A.
3. The +5V,+3.3 & +12 Volt total output shall not exceed 1780W.
4. The 3.3V outputs may vary based on different output cable.

### Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	+5/-4%	+5/-4%	+5/-4%	+9/-5%	+5/-4%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	50mV

## Mechanical

Outline Dimension: 102.2x167.2x300(mm)

## Outline Drawing

