

# EFRP-250

## 250W Output Redundant Power Module

### Features:

- 6 Output Rails
- 0~50°C Working Temperature
- Designed for storage application

### General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: ≥65% at typical load
- Hold Up Time: 20ms 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 50 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, CCC, TUV, CB, BSMI

### Input and Output Characteristics

Input			DC Output						
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	-5V	+5VSB
100~240 VAC	47~63Hz	5-2.5A	Max.Load	20A	25A	16A	0.8A	0.3A	2A
			Min.Load	1A	3A	1A	0A	0A	0A

1. The +5 & +3.3 Volt total output shall not exceed 140W
2. The +5 ,+3.3&+12Volt total output shall not exceed 230W

### Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	-5V	5Vsb
Load Regulation	±5%	± 5%	± 5%	± 10%	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	100mV	50mV

## Mechanical

Outline Dimension: 83x40x268(mm)

## Outline

