

# EFRP-465

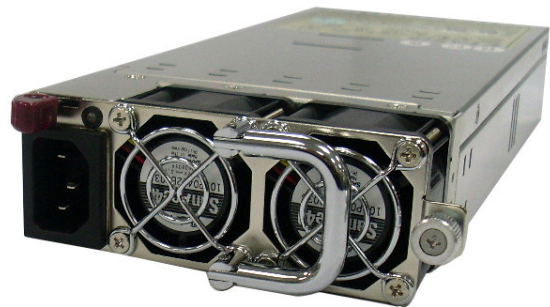
## 460W Output Redundant Power Module

### Features:

- 5 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: 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 50 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, CCC, TUV, CB, BSMI



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### Input and Output Characteristics

Input			DC Output					
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	+5VSB
100~240 VAC	47~63Hz	8-4A	Max.Load	30A	32A	32A	1A	2A
			Min.Load	0A	1A	2A	0A	0A

1. The +5 & +3.3 Volt total output shall not exceed 200W
2. The +5 ,+3.3 & 12Volt total output shall not exceed 440W
3. Noise bandwidth is from DC to 20 MHz.

### Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	± 5.4%	± 5%	± 5%	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	50mV

## Mechanical

Outline Dimension: 106x40x247.9(mm)

## Outline Drawing

