

# EFRP-S107

## 100W ERP1U Redundant Power Module

### Features:

High Efficiency  $\geq 80\%$

+12V and -12V and +5VSB Output

0~50°C Working Temperature

### General Specification

- ⊙ Input Range: 100 to 240 VAC, +/-10%
- ⊙ Power Factor:  $\geq 0.95$  minimum
- ⊙ Efficiency:  $\geq 80\%$  @ 115VAC
- ⊙ Hold Up Time: 18ms @ 80% Load
- ⊙ Short Circuit Protection
- ⊙ Over Current Protection
- ⊙ Over Voltage Protection
- ⊙ No load Operation
- ⊙ Over Temperature Protection
- ⊙ 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



### Input and Output Characteristics

Input			Output			
Voltage	Frequency	Current	Load	+12V	-12V	+5VSB
100~240 VAC	47~63Hz	1.5~0.75A	Max.Load	7A	0.5A	2A
			Min.Load	0.8A	0A	0A

Note:1: The total outputs shall not exceed 100W.

2: Noise bandwidth is from DC to 20 MHz

### Ripple and Noise

Output	+12V	-12V	5Vsb
Load Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$
Line Regulation	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
Ripple & Noise	120mV	120mV	50mV

