

EFRP-S507

500W ERP1U Redundant Power Module

Features:

High Efficiency $\geq 80\%$

0~50°C Working Temperature

+12V and +5VSB Output

General Specification

- Efficiency: $\geq 80\%$ at typical load
- Hold Up Time: 16ms minimum @80% load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- Over Temperature Protection
- MTBF >100,000 Hours
- Operating Temperature: 0 to 50°C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, TUV, CCC, CB, BSMI



Input and Output Characteristics

Input			DC Output		
Voltage	Frequency	Current	Load	+12V	+5VSB
100~240 VAC	47~63Hz	8-4A	Max.Load	41A	3A
			Min.Load	0.5A	0A

Note: Total combined output shall not exceed 500W

Ripple and Noise

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

Mechanical

Outline Dimension: 50.5x40.2x300(mm)

Outline Drawing

