

# EFRP-S2507H

## 1U 500W Server Power Supply

### Features:

- N+1 Redundant Design
- High Efficiency  $\geq 80\%$
- Power Failure Alarm
- PMBus Support
- 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: 16ms @ 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 50 °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	+3.3V	+5V	+12V	-12V	-5V	+5VSB
100~240 VAC	47~63Hz	8~4A	Max.Load	20A	20A	38A	0.5A		3A
			Min.Load	0.5A	0.5A	1A	0A		0.1A

Note: 1. +3.3V and +5V combined output shall not exceed 140W

2. Total combined output shall not exceed 500W

### Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$
Line Regulation	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
Ripple & Noise	60mV	60mV	120mV	120mV	50mV

## Mechanical

Outline Dimension: 106x41.5x355(mm)

## Outline Drawing

