

# EFRP-S500



## 500W Redundant Power Module

### Features:

- High Efficiency  $\geq 80\%$
- 0~45°C Working Temperature
- Power Failure Alarm
- PMBus Support



### General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: > 0.95 minimum
- Hold Up Time: 17ms @ 80% Load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 45 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, TUV, CCC, CB, BSMI

### Input and Output Characteristics

Input			Output					
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V (Optional)	+5VSB(Optional)
100~240 VAC	47~63Hz	7~3.5A	Max.Load	28A	32A	41A	0.5A	3A
			Min.Load	0.1A	0.1A	0.5A	0A	0A

Note:

+3.3V and +5V combined output shall not exceed 200W

### Ripple and Noise

Output	+3.3V	+5V	+12V	-12V(Optional)	5Vsb(Optional)
Load Regulation	±5%	± 5%	± 5%	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	60mV	60mV	120mV	120mV	60mV

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# Mechanical

Outline Dimension: 82mm(W) x 40mm(H) x 250mm(D)

## Outline Drawing

