

# EFRP-S400



## 400W 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<br>VAC | 47~63Hz   | 6~3A    | Max.Load | 28A   | 28A  | 33A  | 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           |

