

EFRP-S307

300W ERP1U Redundant Power Module

Features:

- High Efficiency $\geq 80\%$
- 0~50°C Working Temperature
- +12V and +5VSB Output

General Specification

- Efficiency: $>80\%$ @ 28VDC
- Hold Up Time: 16ms minimum @80%l load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- Over Temperature Protection
- MTBF $>100,000$ Hours
- Operating Temperature: 0 to 50 degree
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, cUL, TUV, CB



Input and Output Characteristics

| Input | | | DC Output | | |
|----------------|-----------|---------|-----------|------|-------|
| Voltage | Frequency | Current | Load | +12V | +5VSB |
| 100~240 VAC | 47~63Hz | 5-2.5A | Max.Load | 25A | 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: 50.5x40.5x300(mm)

Outline Drawing

