

EFRP-S4553H

1U 3+1 Redundant Power Supply

Features:

- Efficiency $\geq 80\%$
- 0~50°C Working Temperature
- Front Access Ability
- Power Failure Alarm



General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: ≥ 0.97 minimum
- Efficiency: 80% ~86% efficiency at +12V full load and +5VSB/0.1A
- Hold Up Time: 16ms minimum, at full load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 50°C
- Operating Humidity: 20 to 90%

Input and Output Characteristics

| Input | | | Output | | | | | | |
|----------------|-----------|---------|----------|-------|-----|------|------|-----|-------|
| Voltage | Frequency | Current | Load | +3.3V | +5V | +12V | -12V | -5V | +5VSB |
| 100~240 VAC | 47~63Hz | 22~11A | Max.Load | 65A | 85A | 120A | 0.5A | | 3.5A |
| | | | Min.Load | 1A | 1A | 2A | 0A | | 0.1A |

Notes:

1. The +3.3 & +5 Volt combined total outputs shall not exceed 550W.
2. The +3.3, +5 & +12 Volt combined total output shall not exceed 1500W

Ripple and Noise

| Output | +3.3V | +5V | +12V | -12V | 5Vsb |
|-----------------|-----------|-----------|-----------|------------|-----------|
| Load Regulation | $\pm 5\%$ | $\pm 5\%$ | $\pm 5\%$ | $\pm 10\%$ | $\pm 5\%$ |
| Line Regulation | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ |
| Ripple & Noise | 60mV | 60mV | 120mV | 120mV | 60mV |

Mechanical

Outline Dimension: 422x43x320 (mm)

Weight: 12Kg

Outline Drawing

