# EFRP-2300

## 2U 300W Server Power Supply

### Features:

N+1 Redundant Design

0~40℃ Working Temperature

SSI Standard Compliant



EFRP-2300

### General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: 65% min.
- Hold Up Time: 20ms minimum, at full load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- MTBF >100,000 Hours@25℃
- Operating Temperature: 0 to 40 ℃
- 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 | -5V | +5VSB |
| 100~240 VAC | 47~63Hz | 6~3A | Max.Load | 25A | 30A | 18A | 0.8A | 0.3A | 2A |
| | | | Min.Load | 2A | 3A | 2A | 0A | 0A | 0A |

1. The +5 & +3.3 Volt combine total output current shall not exceed 170W

2. The +5, +3.3 , and +12 Volt combine total output shall not exceed 280W

### Ripple and Noise

| Output | +3.3V | +5V | +12V | -12V | -5V | 5Vsb |
|---|---|---|---|---|---|---|
| Load Regulation | ±5% | ± 5% | ± 5% | ± 10% | ± 10% | ± 5% |
| Line Regulation | ± 1% | ± 1% | ± 1% | ± 1% | ± 1% | ± 1% |
| Ripple & Noise | 60mV | 60mV | 120mV | 120mV | 100mV | 70mV |



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## Mechanical

Outline Dimension: 86x84x290(mm)

## Outline Drawing

