# EFRP-S2803

**ERP2U 800W Server Power Supply**

## Features:

2U Form Factor

800W with ATX Outputs

80PLUS® Silver Level Power Efficiency

PMBus Support

N+1 Redundancy / Load Sharing

0~40℃Working Temperature

## General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: > 0.99 minimum
- Efficiency: ≥89% (Power Module)
- Hold Up Time: 17ms @ 70% Load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- 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 | +5VSB |
| 100~240 VAC | 47~63Hz | 10~4A | Max.Load | 25A | 25A | 65A | 0.5A | 3.5A |
| | | | Min.Load | 0A | 0A | 0.1A | 0A | 0A |

1. The +5 & +3.3 Volt total output shall not exceed 150W.

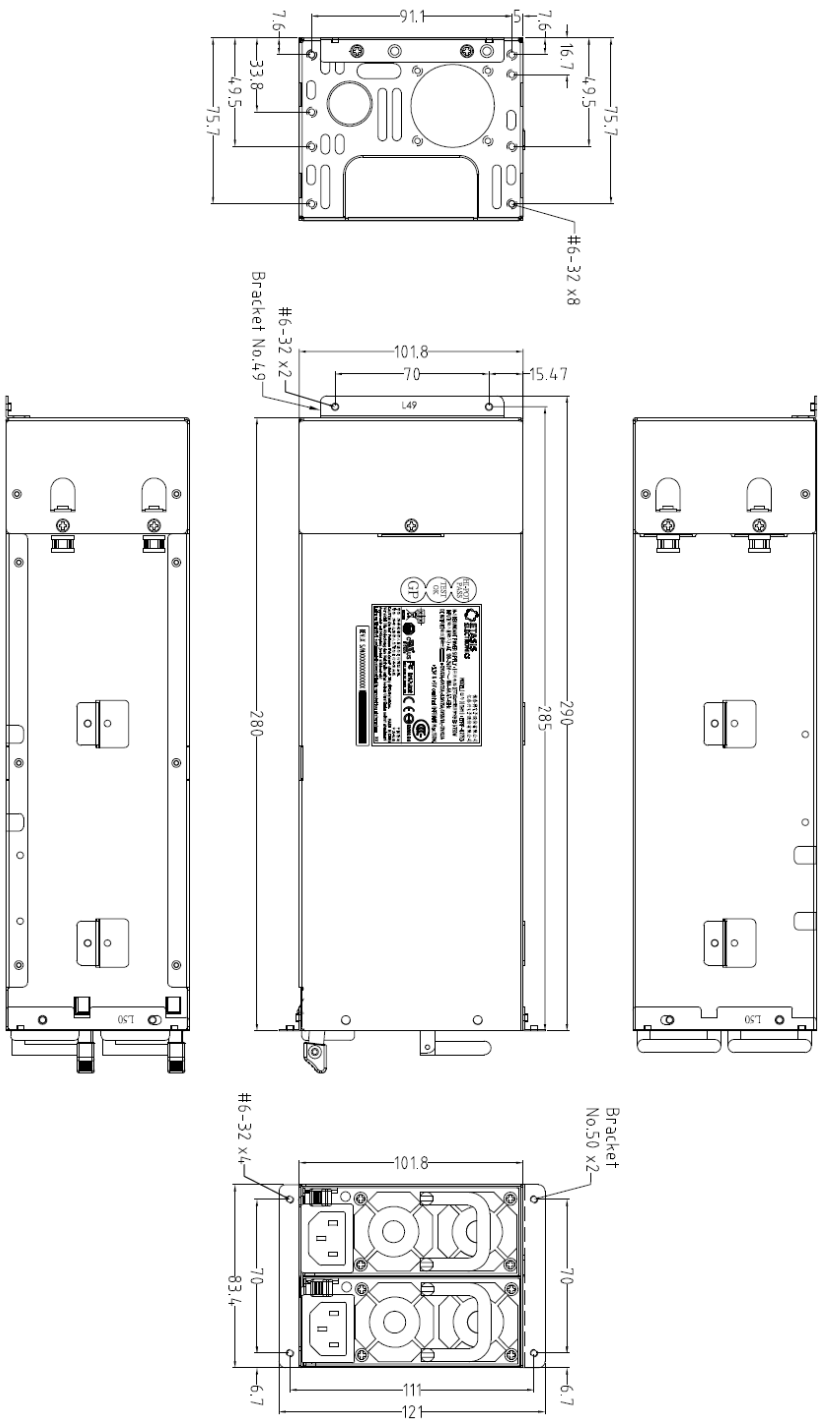
## Ripple and Noise

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

## Mechanical

## Outline Drawing

Outline Dimension: 101.8x83.4x280(mm)

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