

# EFRP-S2502

## PS2 Mini Redundant 500W Power Supply

### Features:

- Mini Redundant Form Factor
- 500W with ATX Outputs
- 80PLUS® Bronze Level Power Efficiency
- 1+1 Redundancy / Load Sharing
- 5~50°C Working Temperature

### General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: > 0.99 minimum
- Efficiency: ≥85% @ 50% Load (Power Module)
- Hold Up Time: 20 ms @ 80% Load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- MTBF >100,000 Hours@25°C
- Operating Temperature: -5 to 50 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class A
- Safety: UL, TUV, CCC 5000 Meter , CB,



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### Input and Output Characteristics

Input			DC Output					
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	+5Vsb
100~240 VAC	47~63Hz	4-8A	Max.Load	25A	30A	41A	0.5A	2.5A
			Min.Load	1A	1A	0.05A	0A	0A

1. Note 1: Combined load on 3.3V and 5V rails shall not exceed 170W.
2. Note 2: Total output power shall not exceed 500W.

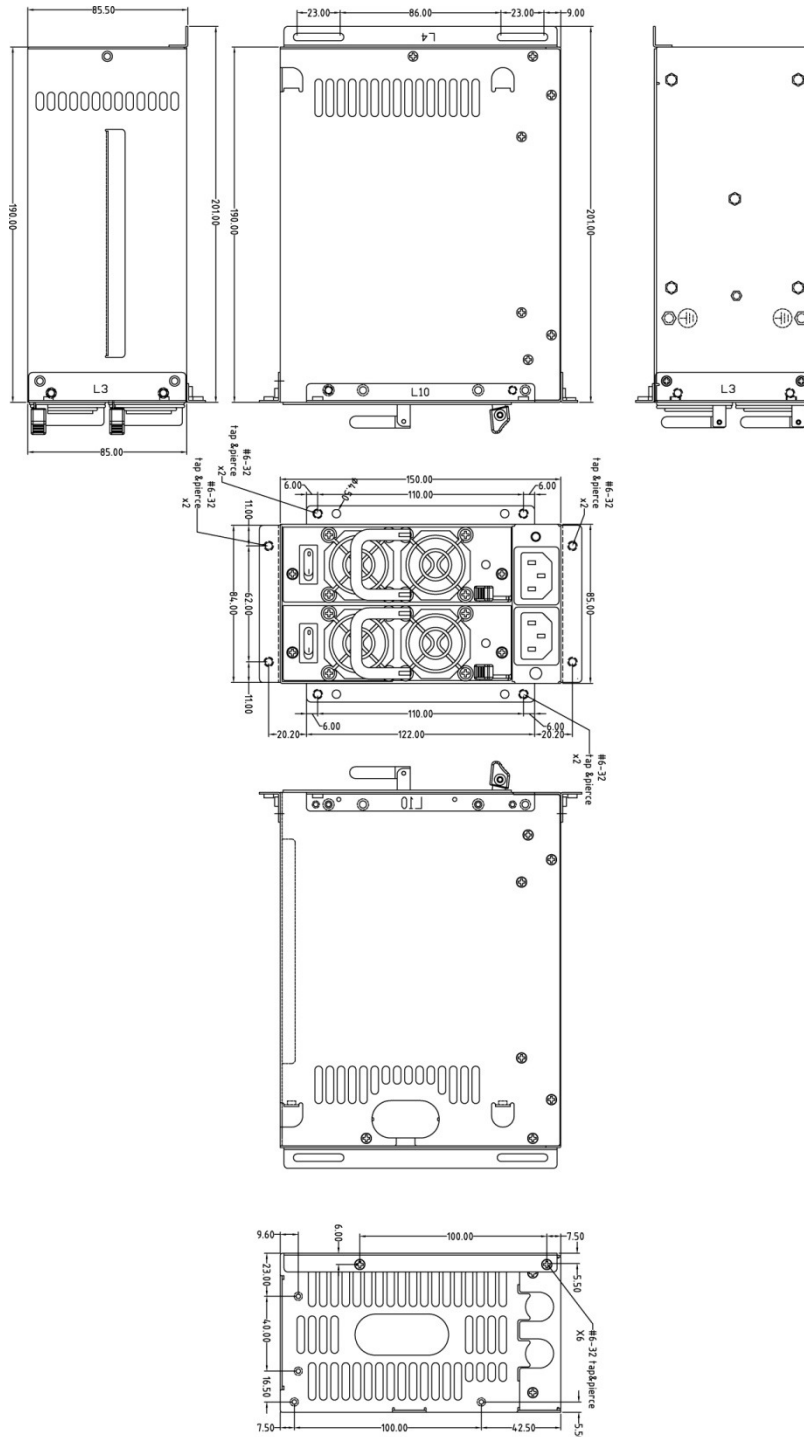
### Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	±5%	± 5%	± 5%	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	50mV

# Mechanical

Outline Dimension: 150x85x190(mm)

## Outline Drawing



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