

EFRP-P2A50

2U 1500W 1+1 Redundant Power Supply

Features:

- 2U Form Factor
- 1500W with ATX Outputs
- 80PLUS® Platinum Level Efficiency (Power Module)
- PMBus 1.2 Support
- N+1 Redundancy / Load Sharing
- 0~40°C Working Temperature

General Specification

- Input Range: 110 to 240 VAC, +/-10%
- Power Factor: > 0.95 minimum
- Efficiency: ≥94% at 230V output,50% Load (Power Module)
- Hold Up Time: 16ms @ 70% Load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 40 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class A
- Safety: UL, TUV, CCC, CB



Input and Output Characteristics

Input			Output					
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	+5VSB
110~240VAC	47~63Hz	10~7.8A	Max.Load	24A	70A	79A (110VAC Input) 125A (220VAC Input)	0.5A	3.5A
			Min.Load	0A	0A	0.5A	0A	0.1A

Notes:

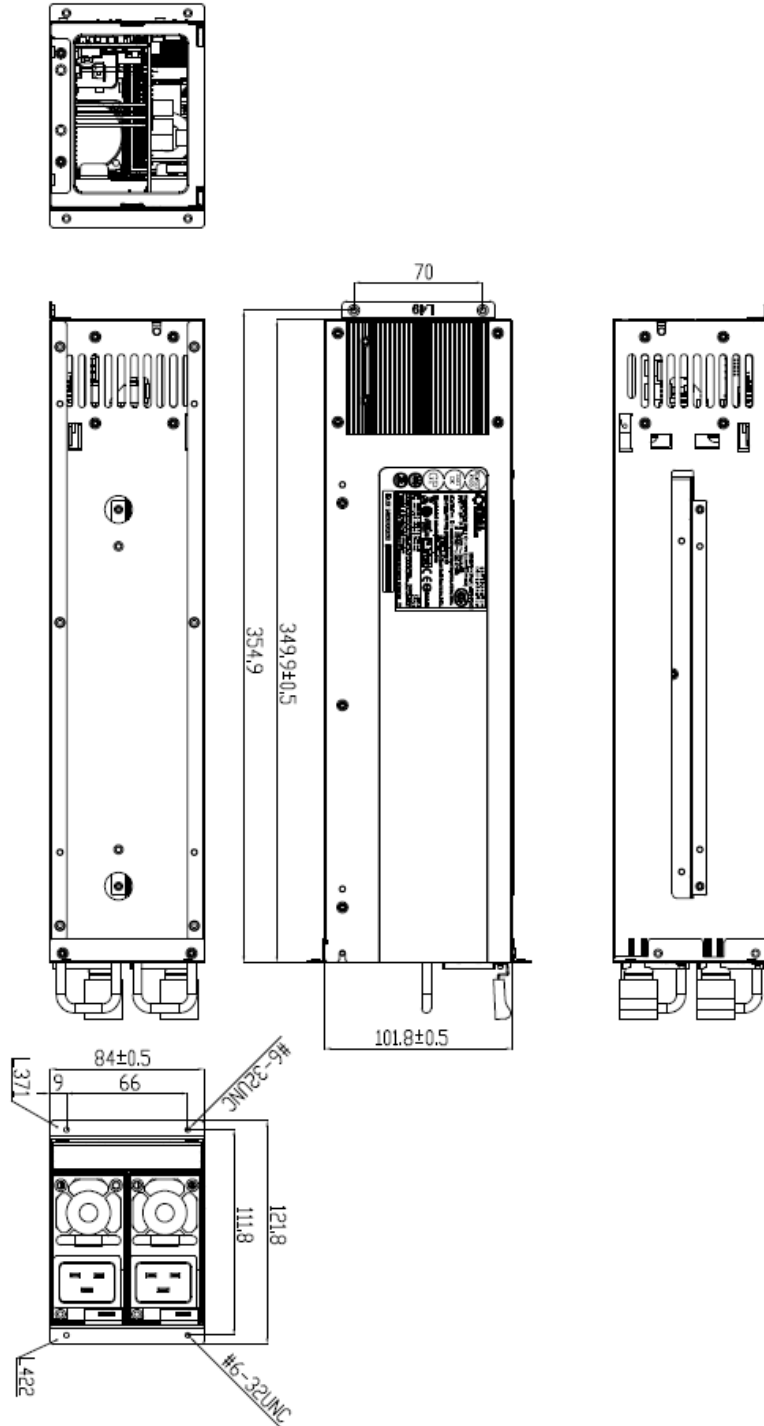
- 1: Total combined output power shall not exceed 950W at 110Vac input
- 2: Total combined output power shall not exceed 1500W at 220Vac input
3. 3.3V+5V combined load shall not exceed 300W

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	130mV	60mV

Mechanical Outline Drawing

Outline Dimension: 101.8x84x349.9(mm)



©ETASIS Electronic Corporation. All rights reserved. ETASIS Electronics Corporation reserves the right to make changes to their products, specification, or to discontinue any product and its service at anytime without notice. The information and specification from ETASIS is believed to be accurate and reliable. However, ETASIS assumes no responsibility for any business loss due to specification changes. ETASIS products are not designed to be used in system deemed to be critical, or in any system wherein failure or malfunction could result in injury or death.