

EFRP-S2307H

1U 300W Server Redundant Power Supply

Features:

1U Slim (ERP1U) Form Factor, 300W with ATX Outputs

85% Power Efficiency

PMBus Support

N+1 Redundancy / Load Sharing

0~50°C Working Temperature

Dimension: 106(W) x 41.2(H) x 355(D) mm

General Specification

- ⦿ Input Range: 100 to 240 VAC, +/-10%
- ⦿ Power Factor: ≥0.95 minimum
- ⦿ Efficiency: ≥80% @ 115VAC
- ⦿ Hold Up Time: 16ms @ 80% Load
- ⦿ Short Circuit Protection
- ⦿ Over Current Protection
- ⦿ Over Voltage Protection
- ⦿ No load Operation
- ⦿ Over Temperature Protection
- ⦿ MTBF >100,000 Hours@25°C
- ⦿ Operating Temperature: 0 to 50 °C
- ⦿ Operating Humidity: 20 to 90 %
- ⦿ EMI/RFI: CE, FCC class B
- ⦿ Safety: UL, CB, TUV, CCC, BSMI



Input and Output Characteristics

Input			Output						
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	-5V	+5VSB
100~240 VAC	47~63Hz	5~2.5A	Max.Load	20A	20A	24A	0.5A		3A
			Min.Load	0.5A	0.5A	1A	0A		0.1A

Note: 1. +3.3V and +5V combined output shall not exceed 110W

2. Total combined output shall not exceed 300W

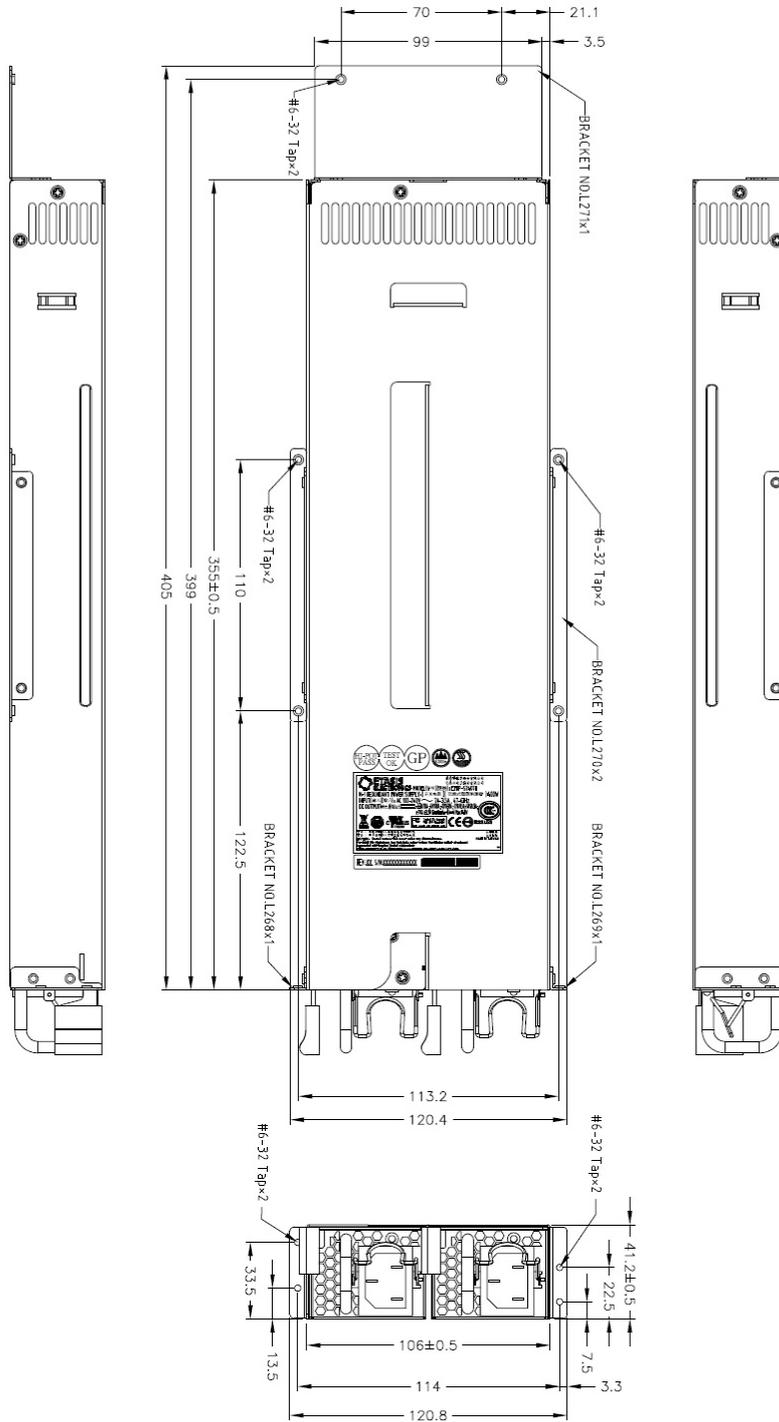
Ripple and Noise

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	120mV	60mV

Mechanical

Outline Dimension: 106x41.2x355(mm)

Outline Drawing



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