

1U Type N+1 Redundant Power Supply

EFRP-465

EPS1U

460 watts Output Power
N+1 Redundant Configuration
With I2C Configuration
Meet 1U Rack Mount System



Dimensions: 106(W) x 40(H) x 265(D) mm

Features:

- ⦿ Universal Power Input
- ⦿ Compact size Module Design
- ⦿ Quick Removable Application
- ⦿ Power Fault Alarm Signals
- ⦿ Over Voltage Protection
- ⦿ Over Current Protection
- ⦿ Over Power Protection
- ⦿ Short Circuit Protection
- ⦿ Active Power Factor Correction
- ⦿ Current Sharing on +5V, +3.3V and +12V
- ⦿ Remote DC Sense on +5V, +3.3V and +12V
- ⦿ Front panel LED to Indicate Power Status
- ⦿ MTBF >100,000 Hours

General Specifications:

- ⦿ Input Range: 100 to 240 VAC, ±10%
- ⦿ Power Factor: 0.98 minimum
- ⦿ Efficiency: 65% minimum, at full load
- ⦿ Hold up Time: 20mS minimum, at full load
- ⦿ PSON (Remote ON/OFF): TTL compatible
- ⦿ Power Good: 100 to 500 ms, TTL compatible
- ⦿ Cooling Fan: 40x40x28 mm (SANYO DENKI)
- ⦿ Operating Temperature: 0 to 50 degree
- ⦿ Operating Humidity: 20 to 90 %

Agency Requirements:

- ⦿ Harmonic: Meet EN61000-3-2
- ⦿ EMI/RFI: CE, FCC class B
- ⦿ Safety: UL, cUL, TUV, CB

Electrical Specifications:

Regulation, Ripple & Noise:

Output	+5V	+3.3V	+12V	-5V	-12V	5Vsb
Load Regulation	+/-5%	+/-5%	+/-5%	± 10%	± 5%	± 5%
Cross Regulation	+/-5%	+/-5%	+/-5%	± 10%	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	100mV	120mV	50mV

Input and Output Ratings:

Input			Output							
Voltage	Frequency	Current	Watt	Load	+5V	+3.3V	+12V	--	-12V	5Vsb
90 - 264 VAC	47-63 Hz	8A max	460W	Max Load	32A	30A	32A	--	0.8A	2A
				Min Load	1A	0A	1A	--	0A	0A

Note: 1. The +5 & +3.3 Volt combine total output shall not exceed 220W.

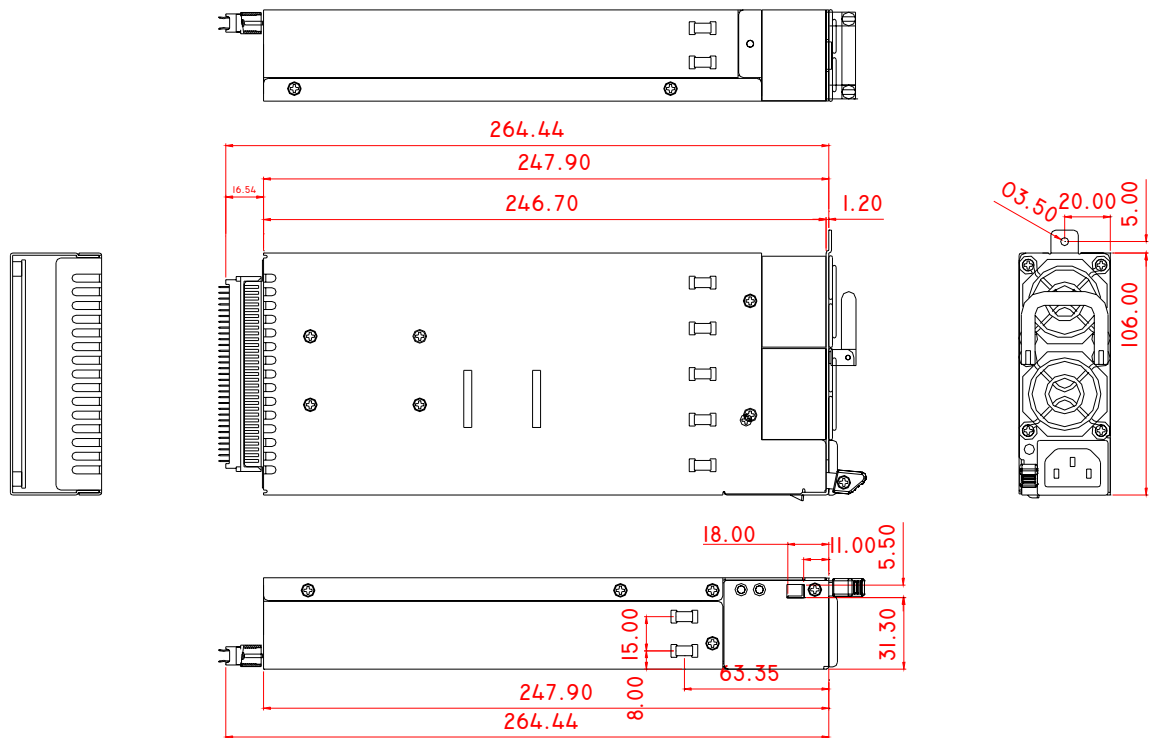
2. The +5, +3.3 and +12 Volt combine total output shall not exceed 440W.

3. Noise bandwidth is from DC to 20 MHz.

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Dimensions (Unit: mm):



Rev: 1.2 May. 30, 03