

# 2U Type N+1 Redundant Power Supply

## EFRP-2465

EPS2U



Dimensions: 108.6(W) x 84(H) x 280.5(D) mm

**460+460 watts Output Power**  
**N+1 Redundant Configuration**  
**With I2C Configuration**  
**Meet 2U Rack Mount System**

**Features:**

- ⦿ Compact size Module Design
- ⦿ Quick Removable Application
- ⦿ Active Power Factor Correction
- ⦿ Universal Power Input
- ⦿ With I2C Configuration
- ⦿ Current Sharing on +5V, +3.3V and +12V
- ⦿ Remote DC Sense on +5V, +3.3V and +12V
- ⦿ Front panel LED to Indicate Power Status
- ⦿ Power Fault Alarm Signals
- ⦿ Over Voltage Protection
- ⦿ Over Current Protection
- ⦿ Over Power Protection
- ⦿ Short Circuit Protection
- ⦿ MTBF >100,000 Hours

**General Specifications:**

- ⦿ Input Range: 100 to 240 VAC, ±10%
- ⦿ Power Factor: 0.95 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	--	-12V	5Vsb
Load Regulation	+5/-4 %	+5/-3 %	+5/-4 %	--	± 5%	± 5%
Cross Regulation	+5/-4 %	+5/-3 %	+5/-4 %	--	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	--	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	--	120mV	50mV

**Input and Output Ratings:**

Voltage	Input				Load	Output					
	Frequency	Current	Watt			+5V	+3.3V	+12V	--	-12V	5Vsb
90 - 264 VAC	47-63 Hz	8A max	460W		Max Load	32A	28A	32A	--	0.8A	2A
					Min Load	1A	1A	2A	--	0A	0A

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

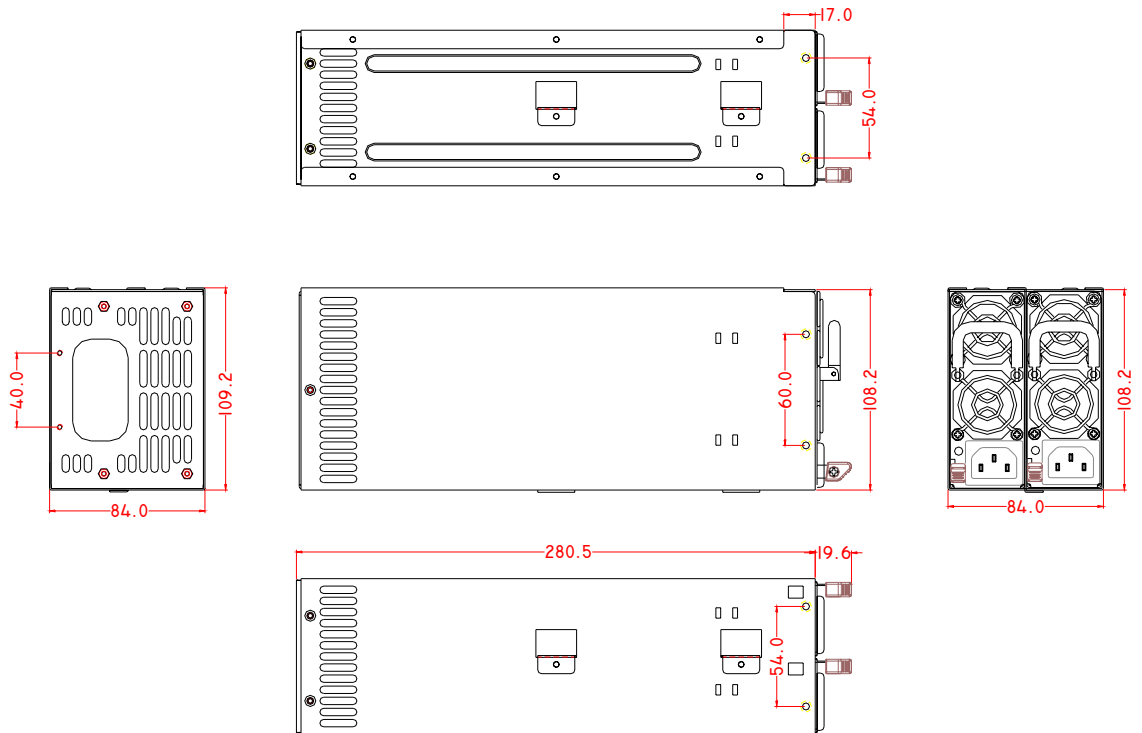
2. The +5, +3.3 and +12 Volt combine total output shall not exceed 440W

3: Noise bandwidth is from DC to 20 MHz.

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Dimensions (Unit: mm):



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