

# 1U Type Single Power Supply

## EFAP-S601 (New)

EPS1U

**600 watts Output Power**

**Quad +12V Output Rails**

**Meet 1U Rack Mount System**



Dimensions: 100(W) x 40(H) x 250(D) mm

**Features:**

- ⦿ Universal Power Input
- ⦿ Active Power Factor Correction
- ⦿ Remote DC Sense on +5V and +3.3V
- ⦿ Over Voltage Protection
- ⦿ Over Current Protection
- ⦿ Short Circuit Protection
- ⦿ MTBF >100,000 Hours

**General Specifications:**

- ⦿ Input Range: 100 to 240 VAC, ±10%
- ⦿ Power Factor: 0.95 minimum
- ⦿ Efficiency: 80% minimum, at full load
- ⦿ Hold up Time: 20mS minimum
- ⦿ PSON (Remote ON/OFF): TTL compatible
- ⦿ Power Good: 100 to 500 ms, TTL compatible
- ⦿ Cooling Fan: 40x40x20 mm
- ⦿ Operating Temperature: 0 to 45 °C
- ⦿ Operating Humidity: 20 to 90 %

**Agency Requirements:**

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

**Electrical Specifications:**

**Regulation, Ripple & Noise:**

Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	5Vsb
Load Regulation	+5/-5 %	+5/-5 %	+5/-4 %	+5/-4 %	+5/-4 %	+5/-4 %	± 5%	± 5%
Cross Regulation	+5/-5 %	+5/-5 %	+5/-4 %	+5/-4 %	+5/-4 %	+5/-4 %	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	120mV	120mV	120mV	50mV

**Input and Output Ratings:**

Voltage	Input			Load	Output							
	Frequency	Current	Watt		+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	-12V	5Vsb
100 – 240 VAC	47-63 Hz	10 - 5A	600W	Max Load	25A	25A	20A	20A	20A	20A	0.5A	3A
				Min Load	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	0A	0.1A

Note: 1. The +12V1 &+12V2 &+12V3 &+12V4 combine total output shall not exceed 48A

2. The +5 & +3.3 Volt combine total output shall not exceed 170W

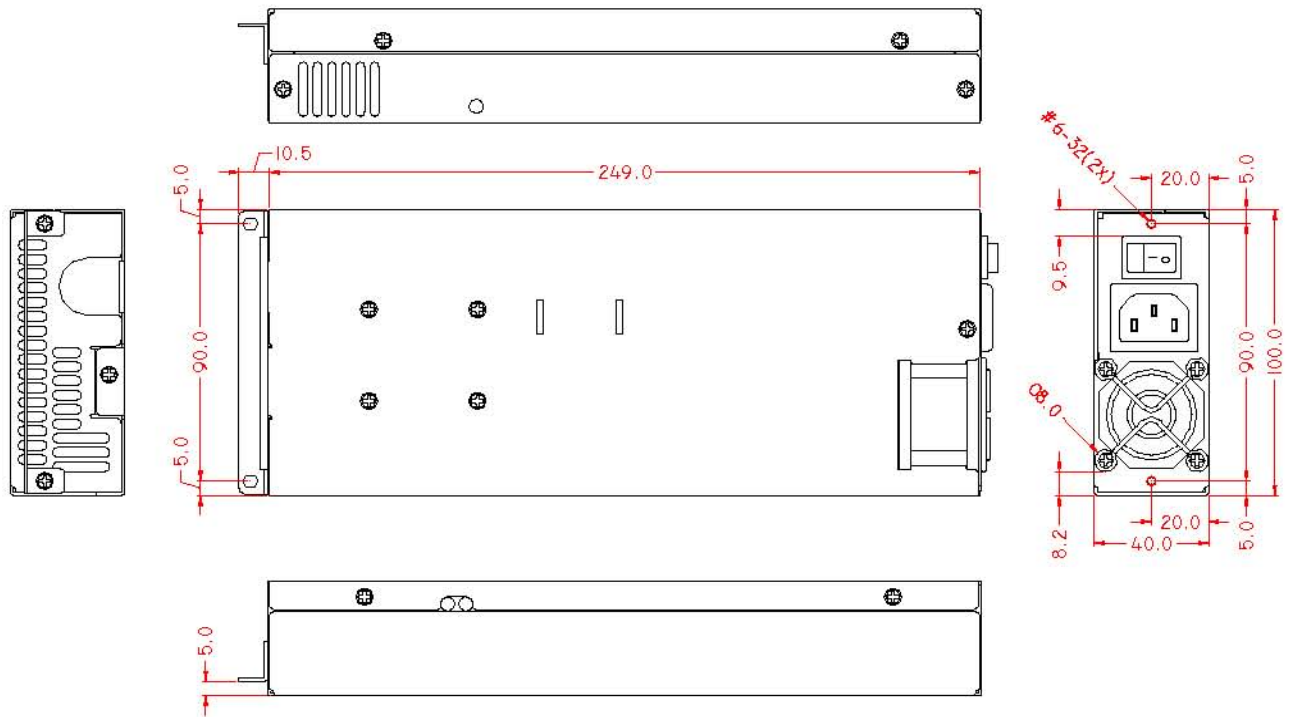
3. The +5, +3.3 and +12 Volt combine total output shall not exceed 575W

4. Noise bandwidth is from DC to 20 MHz.

**1U Type Industrial Power Supply**

**EFAP-S601**

**Dimensions (Unit: mm):**



Rev: -04  
2007/7