

# EFAP-481

## EPS1U 480W Server Power Supply

### Features:

High Efficiency

0~40°C Working Temperature, Derate Linearly to 10% at 50°C

SSI Standard Compliant

### General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: >70% @ 110VAC
- Hold Up Time: 16ms minimum, at full load
- Short Circuit Protection
- Over Current Protection
- Over Power Protection
- No Load Operation
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 40°C, Derate Linearly to 10% at 50°C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, BSMI, TUV, CCC, CB



**EFAP-481**

### Input and Output Characteristics

Input			Output							
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V1	+12V2	-5V	-12V	+5VSB
100~240 VAC	47~63Hz	8~4A	Max.Load	30A	30A	18A	18A	0.3A	0.8A	2A
			Min.Load	0A	1A	0.5A	0.5A	0A	0A	0A

1. The +5 & +3.3 Volt combine total output shall not exceed 200W
2. The +5, +12 and +3.3 Volt combine total output shall not exceed 460W
3. The +12V1 and +12V2 combine output current 32A maximum

### Ripple and Noise

Output	+3.3V	+5V	+12V1	+12V2	-5V	-12V	5Vsb
Load Regulation	±5%	± 5%	± 5%	± 5%	+10%	+10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	100mV	120mV	50mV

## Mechanical

Outline Dimension: 100x40x250(mm)

## Outline Drawing

