

1U Type Switching Power Supply

# EFAP-M601



Dimension: 100(W) x 40(H) x 302(D) mm

Input / Output: AC / DC

- 600 watts Output Power
- Support Dual Core Processors
- Support to EPS1U Configuration
- Meet 80 Plus

### Features

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

### Electrical Specifications

• Regulation, Ripple & Noise

Output	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4		-12V	5Vsb
Load Regulation	±5%	±5%	±5%	±5%	±5%	±5%	-	±10%	±5%
Cross Regulation	±5%	±5%	±5%	±5%	±5%	±5%	-	±10%	±5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	-	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	120mV	120mV	-	120mV	50mV

### • Input / Output Ratings

Model No.	Input			Output										
	Voltage	Frequency	Current	Watt	Load	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	-12V	5Vsb	
EFAP M601	100-240 VAC	47-63 Hz	7.5 ~3.2A	600W	Max	30A	25A	16A	16A	16A	16A	-	0.5A	3A
					Min	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A	-	0A	0 A

Note: 1. The +5 & +3.3 Volt combined total output shall not exceed 180W.  
 2. The +5, +3.3 and +12 Volt combined total output shall not exceed 600W.  
 3. Maximum continues load on the combined +12V output shall not exceed 48A.  
 4. Maximum continues total DC output power shall not exceed 600W.

### General Specifications

- Input Range: 100 to 240 VAC
- Power Factor: 0.95 minimum
- Efficiency: 80% typical
- Operating Temperature: 0 to 50°C
- Operating Humidity: 20 to 90%

### Agency Requirements

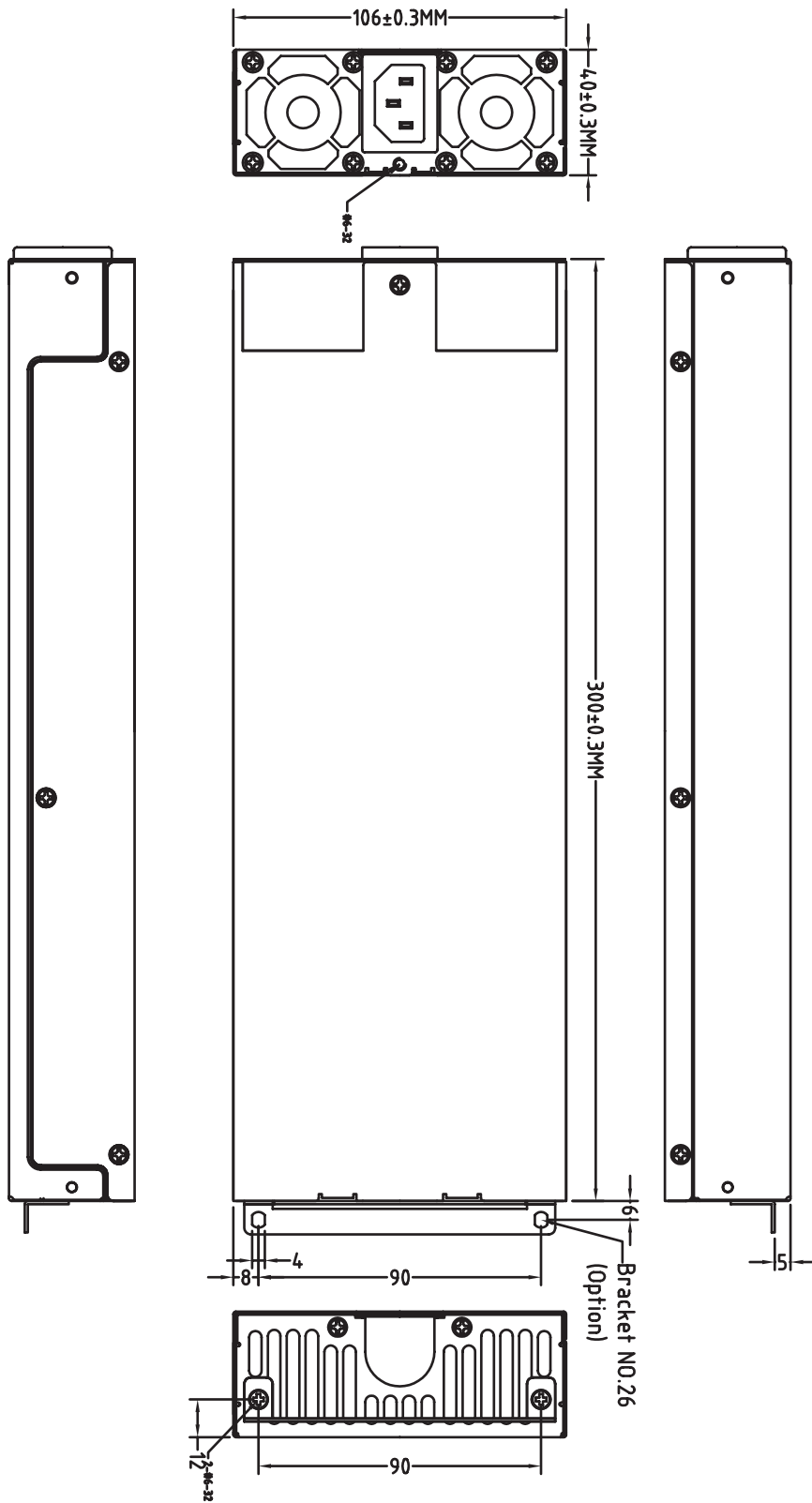
- Harmonic: Meet EN61000-3-2
- EMI/RFI: CE, FCC class B, BSMI
- Safety: UL, cUL, TUV, CB, CCC

### Application

- Rackmount
- Server
- Industrial PC

### Processors

- Xeon (Core 2 Duo)



Model No.: EFAP-M601  
Dimension: 100(W) x 40(H) x 302(D) mm