

1U Type Switching Power Supply

# EFAP-601

Dimension: 106(W) x 40(H) x 300(D) mm



Input / Output: AC / DC

- 600 watts Output Power
- Support to 64-bit @ Dual Core Processors
- Support to EPS1U Configuration
- Meet 1U Rackmount System

### Electrical Specifications

• Regulation, Ripple & Noise

Output	+5V	+3.3V	+12V1	+12V2	+12V3	+12V	-5V	-12V	5Vsb
Load Regulation	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	-	+9%/-5%	+5%/-4%
Cross Regulation	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	-	+9%/-5%	+5%/-4%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	-	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	120mV	120mV	-	120mV	50m

### • Input / Output Ratings

Model No.	Input			Output										
	Voltage	Frequency	Current	Watt	Load	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	-5V	-12V	5Vsb
EFAP 601	100-240 VAC	47-63 Hz	9-4.5	600W	Max	20A	20A	18A	18A	18A	18A	-	0.5A	3A
					Min	1A	1.5A	0.8A	0.8A	0.8A	0.8A	-	0A	0.1A

- Note: 1. The +5 & +3.3 Volt combined total output shall not exceed 120W.  
 2. The +5, +3.3 and +12 Volt combined total output shall not exceed 1480W.  
 3. Maximum continues load on the combined +12V output shall not exceed 47A.  
 4. Maximum continues total DC output power shall not exceed 600W.  
 5. Noise bandwidth is from DC to 20 MHz.

### Features

- Universal Power Input
- Active Power Factor Correction
- Remote DC Sense on +5V, +3.3V
- Meet 240VA limited Configuration
- Over Voltage Protection
- Over Current Protection
- Over Power Protection
- Short Circuit Protection
- MTBF > 100,000 Hours

### General Specifications

- Input Range: 100 to 240 VAC
- Power Factor: 0.98 minimum
- Efficiency: 75% minimum, 115Vin @ full load
- Hold up Time: 20mS minimum, 230Vin @ at full load
- PSON (Remote ON/OFF): TTL Signal
- Power Good: 200 to 500 ms, TTL Signal
- Cooling Fan: 40 x 40 x 28 mm
- 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

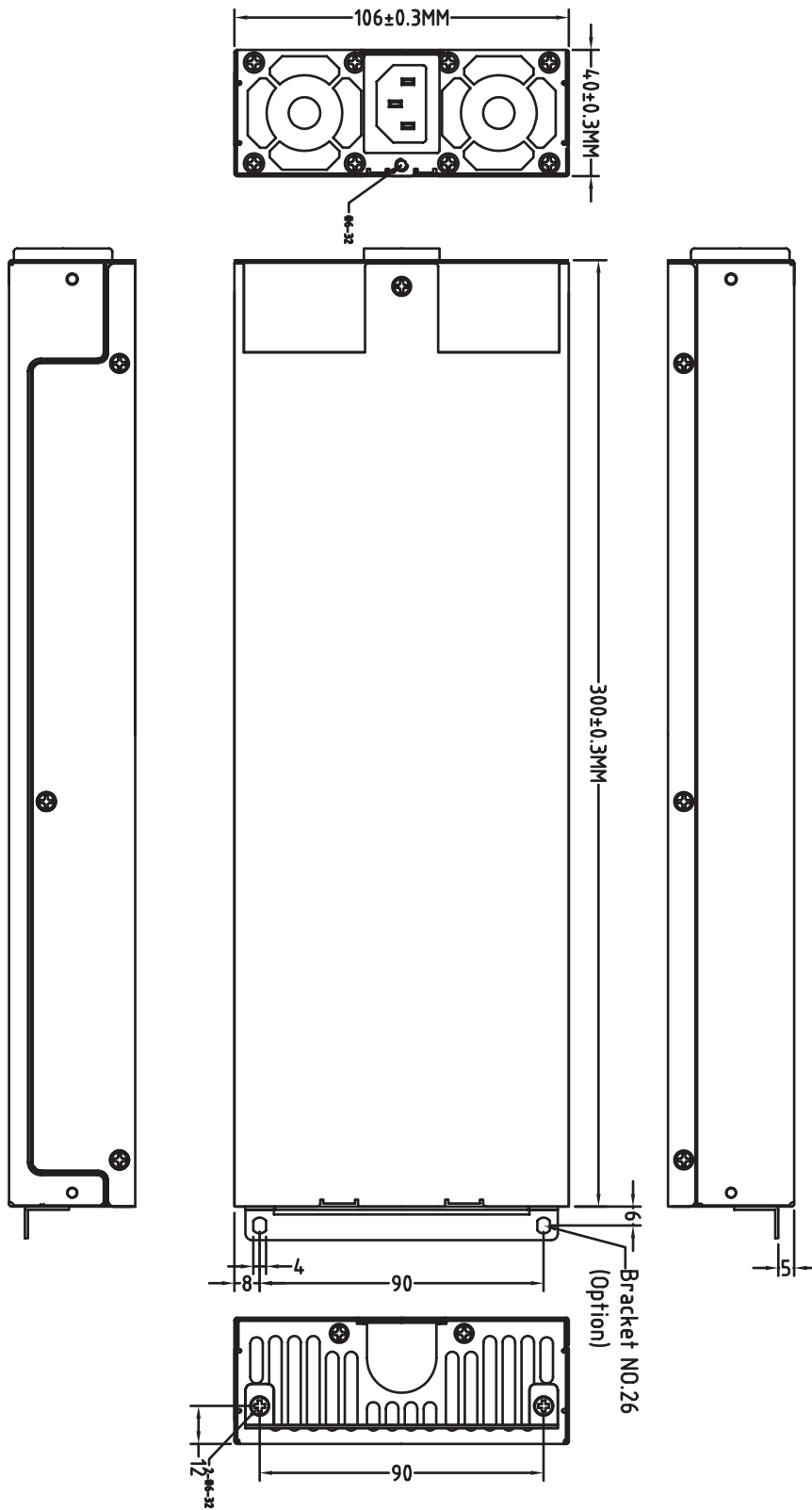
### Application

- Rackmount
- Server
- Industrial PC

### Processors

- Xeon (Dual Core)

已審核  
 tien 05/12/17, 16:20



Model No.: EFAP-601  
Dimension: 106(W) x 40(H) x 300(D) mm