



EFAP-S601

600W Output Power
 Quad +12V Output Rails
 Meet 1U Rack Mount System
 Dimension: 100(W) x 40(H) x 250(D) mm



INQUIRY

DownLoad

- [DRAWING](#) [MTBF](#)
- [TUV](#) [CB](#)

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: 40x40x 20 mm
 Operating Temperature: 0 to 45 ° C
 Operating Humidity: 20 to 90 %

Regulation, Ripple & Noise:

Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4-	-5V	-12V	+5Vsb
Load Regulation	± 5%	± 5%	± 5%	± 5%	± 5%	± 5%	-	± 5%	± 5%
Cross Regulation	± 5%	± 5%	± 5%	± 5%	± 5%	± 5%	-	± 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:

Input			Output										
Voltage	Frequency	Current	Watt	Load	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-5V	-12V	+5Vsb
100-240Vac	47-63Hz	10-5 A	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 150W
3. The +5, +3.3 and +12 Volt combine total output shall not exceed 580W
4. Noise bandwidth is from DC to 20 MHz.

Agency Requirements :

Harmonic: Meet EN6 1000-3-2 standard

EMI/RFI: CE, FCC class B

Safety: UL, cUL, TUV, CB