



EFAP-351/481

350/480 watts Output Power
 Dual +12V Output Rails
 EPS1U Application
 Meet 1U Rack Mount System
 Dimension: 100(W) x 40(H) x 294(D) mm

INQUIRY

DownLoad

- 📄 DRAWING
- 📄 CE 📄 FCC 📄 UL 📄 TUV 📄 CCC 📄 CB 📄 BSMI

Features :

Universal Power Input
 Active power Factor Correction
 Dual +12V Output Rails
 Dual Processors Application
 Remote DC Sense on +5V and +3.3V
 Short Circuit Protection
 Over Current Protection
 Over Voltage Protection
 Over Power Protection
 MTBF >100,000 Hours

General Specifications :

Input Range: 100 to 240 VAC, +/-10%
 Power Factor: 0.95 minimum
 Efficiency: 70% minimum, at full load
 Hold up Time: 20mS minimum, at full load
 PSON (Remote ON/OFF): TTL compatible signal
 Power Good: 100 to 500 ms, TTL compatible signal
 Cooling Fan: 40x40x28 mm (SANYO)
 Operating Temperature: 0 to 50 degree
 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%	-	-	± 10%	± 10%	± 5%
Cross Regulation	± 5%	± 5%	± 5%	± 5%	-	-	± 10%	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	-	-	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	-	-	100mV	240mV	50mV

Input and Output Ratings:

Input			Output										
Voltage	Frequency	Current	Watt	Load	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-5V	-12V	+5Vsb
100-240 VAC	47-63 Hz	6-3A 8-4A	350W/480W	Max. Load	30A	30A	18A	18A	-	-	0.3A	0.8A	2A
				Min. Load	1A	1A	0.5A	0.5A	-	-	0A	0A	0A

NOTE:

1. The +12V1 & +12V2 combine output currents maximum are 25A for EFAP-351 and 32A for EFAP-481.
2. The +5 & +3.3 Volt combine total output shall not exceed 200W.
3. The +5, +3.3 and +12 Volt combine total output shall not exceed 330W for EFRP-351 and 460W for EFAP-481
4. Noise bandwidth is from DC to 20 MHz.

Agency Requirements :

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