



EFAP-S502

500W Output Power
 Supports Tylersburg Platform
 Single +12V Output Rail
 EPS2U Application for Rack Mount System
 Dimension: 100(W) x 70(H) x 239.5(D) mm



INQUIRY

DownLoad

- ☞ [DRAWING](#) ☞ [MTBF](#)
- ☞ [CE](#) ☞ [FCC](#) ☞ [UL](#) ☞ [TUV](#) ☞ [CCC](#) ☞ [CB](#) ☞ [BSMI](#)

☞Features :

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

☞General Specifications :

Input Range : 100 to 240 VAC, +/-10%
 Power Factor: 0.95 minimum at full load
 Efficiency: 80% minimum, at full load (115/230Vac), 80PLUS® Certified
 Hold up Time: 20mS minimum, at full load
 PSON (Remote ON/OFF): TTL compatible signal
 Power Good: 100 to 500 ms, TTL compatible signal
 Operating Temperature: 0 to 50 °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%
Cross Regulation	± 5%	± 5%	± 5%				-	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%				-	± 1%	± 1%
Ripple & Noise	50mV	50mV	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	6.5~3A	500W	Max. Load	24A	24A	38A					0.5A	2A
				Min. Load	0.5A	0.5A	1A				0.1A	0A	

☞NOTE:

1. The +5 & +3.3 Volt combine total output shall not exceed 130W
2. The +5, +3.3 and +12 Volt combine total output shall not exceed 484W
3. Noise bandwidth is from DC to 20 MHz.

☞Agency Requirements :

Harmonic: Meet EN6 1000-3-2 standards
EMI/RFI: CE, FCC class B and CISPR class B
Safety: UL, cUL, CB, TUV, CCC