

**EPAP-300**

300W Output Power
 5 Output Rails with PFC
 ATX12V Application
 For PS2 Redestal System
 Over Temperature Protection
 Dimension: 149.6(W) x 86(H) x 140(D) mm

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ATX12V 5 Output Rails
 Universal Power Input
 Over Power Protection
 Short Circuit Protection
 Over Current Protection
 Over Voltage Protection
 Remote DS Sense on +5V and +3.3V
 Active Power Factor Correction
 MTBF >100,000 Hours

General Specifications :

Input Range:100 to 240 VAC, $\pm 10\%$
 Power Factor: 0.95 minimum
 Efficiency: 70% minium, at full load
 PSON (Remote ON/OFF):TTL Signal
 Power Good: 100 to 1000ms, TTL signal
 Cooling Fan: 80x80x20mm
 Operating Temperature:0 to 50°C
 Operating Hnmidity:20 to 90°C

Regulation, Ripple & Noise:

Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4-	-5V	-12V	+5Vsb
Load Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	-	-	-	-	$\pm 10\%$	$\pm 5\%$
Cross Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	-	-	-	-	$\pm 10\%$	$\pm 5\%$
Line Regulation	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	-	-	-	-	$\pm 1\%$	$\pm 1\%$
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
100-240 VAC	47-63 Hz	74 max	300W	Max. Load	28A	30A	18A	-	-	-	-	0.8A	2A
				Min. Load	1.5A	0A	0.5A	-	-	-	-	0A	0A

NOTE:

1. The +5 & +3.3 Volt combine total output shall not exceed 180W.
2. The +5, +3.3 and +12 Volt combine total output shall not exceed 280W.
3. Noise bandwidth is from DC to 20 MHz.

Agency Requirements :