

PS2 Type PC & Industrial Power Supply

EPAP-300

Dimension: 149.6(W) x 86(H) x 140(D) mm



Input / Output: AC / DC

- 300 watts Output Power
- 5 Output Rails with PFC
- ATX12V Application
- For PS2 Redestal System
- Over Temperature Protection

Electrical Specifications

• Regulation, Ripple & Noise

Output	+5V	+3.3V	+12V	+12V	+12V	+12V	-12V	5Vsb
Load Regulation	± 5%	± 5%	± 5%	-	-	-	± 10%	± 5%
Cross Regulation	± 5%	± 5%	± 5%	-	-	-	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	-	-	-	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	-	-	-	120mV	50mV

• Input / Output Ratings

Model No.	Input			Output									
	Voltage	Frequency	Current	Watt	Load	+5V	+3.3V	+12V	+12V2	+12V	+12V	-12V	5Vsb
EPAP 300	100-240 VAC	47-63 Hz	7A max	300W	Max	30A	28A	18A	-	-	-	0.8A	2A
					Min	1.5A	0A	0.5A	-	-	-	0A	0A

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

Features

- ATX12V 5 Output Rails
- Universal Power Input
- Over Power Protection
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- Remote DC Sense on +5V and +3.3V
- Active Power Factor Correction
- 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 Signal
- Power Good: 100 to 1000 ms, TTL Signal
- Cooling Fan: 80x80x20 mm
- Operating Temperature: 0 to 50°C
- Operating Humidity: 20 to 90%

Agency Requirements

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

Application

- Rackmount
- Server
- Industrial PC

Processors

- Pentium 4

