

PS2 Type Switch Power Supply

EPAP-750/850

Dimensions: 150(W) x 86(H) x 180(D) mm



Input / Output: AC / DC

- 750 / 850 Watts Output Power
- High Efficiency more than 80%
- ATX12V/EPS12V Application
- For PS2 Pedestal System
- Over Temperature Protection

Electrical Specifications

• Regulation, Ripple & Noise

Output	+5V	+3.3V	+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 / Output Ratings

Model No.	Input			Output										
	Voltage	Frequency	Current	Watt	Load	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	-5V	-12V	5Vsb
EPAP-750	100-240 VAC	47-63 Hz	12-6A	750W	Max	24A	24A	16A	16A	16A	18A	-	0.5A	3A
					Min	1.0A	1.5A	0.8A	0.8A	0.5A	0.5A	-	0A	0.1A
EPAP-850	100-240 VAC	47-63 Hz	12-6A	850W	Max	24A	24A	18A	18A	18A	18A	-	0.5A	3A
					Min	1.0A	1.5A	0.8A	0.8A	0.5A	0.5A	-	0A	0.1A

- Note: 1. The +5 & +3.3 Volt total output shall not exceed 140 W.
 2. The +5V & +3.3V & +12V total combined shall not exceed 730W for EPAP-750 and 830W for EPAP-850.
 3. Maximum continues total DC output power shout not exceed 750W for EPAP-750 and 850W for EPAP-850.
 4. Maximum combined current for the 12 V outputs shall not exceed 60A for EPAP-750 and 70A for EPAP-850

Features

- Meet ATX12V / EPS12V Compatibility
- Automatic Thermal Control Configuration
- Universal AC Power Input
- Active Power Factor Correction (PFC)
- OVP (Over Voltage Portection)
- OCP (Over Current Protection)
- OTP (Over Temperature Proection)
- OPP (Over Power Protection)
- SCP (Short Circuit Protection)
- Serial-ATA Connectors for SATA Devices
- Two PCI Express Connectors
- MTBF > 100,000 Hours
- 3 Years Wanrraty

General Specifications

- Input Voltage Range 100 to 240VAC
- Input Frequency Range 100 to 240VAC
- Power Factor: > 0.96 at full load
- Power Good Signal: 100 to 500ms,TTL Signal
- PSON (Remote ON/OFF): TTL Signal
- OperatingTemperature: 0 to 50°C

Agency Requirements

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

Application

- Rackmount
- Server
- Industrial PC
- Workstation

Processors

- Xeon
- Pentium 4 /D

