

## AC/DC 300W 2U Power Supply



### Features

- Compact size for 2U rackmount chassis
- AC/DC 300W with ATX output
- Input Voltage Range: 90~264VAC
- Output Voltage: 5V / 3.3V / 12V / -5V / -12V / 5VSB
- Safety Standard: UL/TUV/CSA/CE/CB
- EMI Standards: FCC Class A / VCCI Class 2

### Input

90~264V (Auto-sensing).

### Efficiency

70% minimum, at full load.

### Hold Up Time

20ms minimum, at full load.

### Remote On/Off

PS-ON compatible signal.

### Power Good

TTL signal compatible power good signal. Turn-on delay 100 ~ 500ms.

### Cooling

60mm Ball bearing fan (60x60x25 mm).

### Output Protection

Short circuit, overload & over voltage power protection.

### MTBF

100K hours at 25°C, 70% full rated load (calculated by MIL217E).

### Environment

Operating Temperature: 0 to 50 °C.

Operating Humidity: 20~ 90% relative humidity, non-condensing at 40°C.

### EMI / RFI

- FCC part 15, Subpart A, Class A computing devices.
- CISPR22 (EN55022) Class A.
- VCCI Class 2.

### Safety

UL, TUV, CSA, CE, CB

### Dimensions

D190 x W100 x H70 (mm)

### Net Weight

TBD

### Output Table

Output Voltage	V1 +5V	V2 +3.3V	V3 +12V	V4 -5V	V5 -12V	5VSB Standby
Maximum Load	30A	20A	12A	0.5A	1A	1.5A
Minimum Load	3A	0A	1A	0A	0A	0A
Load Regulation	+/-5%	+5/-3%	+/-5%	+/-10%	+/-10%	+/-5%
Cross Regulation	+/-5%	+5/-3%	+/-5%	+/-10%	+/-10%	+/-5%
Line Regulation	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Ripple	+/-1%	+/-1%	+/-1%	+/-2%	+/-2%	+/-1%
Noise	+/-1%	+/-1%	+/-1%	+/-2%	+/-2%	+/-1%

Note 1: The output of +5V and +3.3V shall not exceed 150W.

Note 2: The +12V, +5V and +3.3V total output power maximum is 278W.

Note 3: The +12 Volt output of the power supply must be capable of 16 Amps peak for 10 seconds. A +/-5% tolerance is permissible. Output voltage is measured at the load and of the output cable.

Note 4: Noise bandwidth is from DC to 20 MHz.

Note 5: Regulation tolerance shall include temperature change, warm up drift and dynamic load.

### Ordering Information

PA-2300AX

AC/DC 300W Power Supply For 2U chassis with ATX Output.