



AC/DC 600W PS/2 Type Power Supply with PFC Function and ATX Output



Features

- 600W Active PFC, Meet Intel ATX 12V v2.3
- High efficiency and reliability
- Low ripple and noise
- Complies with EN61204-3:2000, & FCC Part 15 & Part 2 (CISPR 22 CLASS B)

Input

- 90~264Vac, 47~63 Hz

Efficiency

- 82% ~ 85%
- 80 PLUS Bronze Compliant

Hold Up Time

- 10msec (minimum)

Remote On/Off

- PSON compatible signal

Power Good

- TTL compatible signal

Cooling

- 80 x 80 x 25 mm active fan, 41.5 CFM, <38.2dB

Output Protection

- Short circuit, overload & over voltage power protection

MTBF

- 100K hours at 25°C

Environment

- Operating Temperature: 0 to 50 °C.
- Operating Humidity: 20% ~ 80% relative humidity

EMI /RFI

- FCC Part 15 & Part 2 (CISPR 22 CLASS B)
- EN61204-3:2000,
- GB9254-1998, GB17625.1-2003 standards, C-TICK

Safety

- TUV, CUL, CB, CCC

Dimension

- 150 (W) x 140 (D) x 86 (H) mm

Output Table

Output Voltage	+5V	+3.3V	V1 +12V	V2 +12V	-12V	5VSB
Max Load	24A	24A	24A	24A	0.8A	2.5A
Min Load	0.2A	0.1A	0.1A	0.5A	0A	0A
Max Power	130W					
	46A/ 552W					
Peak Load			27A	27A		3.0A
Regulation	+/-1 %	+/-1 %	+/-1 %	+/-1 %	+/-2 %	+/-1 %
Ripple Reg. mV	50 mV	50 mV	120 mV	120 mV	120 mV	50 mV
Noise Reg. mV	50 mV	50 mV	120 mV	120 mV	120 mV	50 mV

Note 1: Maximum continuous total DC output power should not exceed 600 W. 2. Maximum continuous combined load on +3.3 VDC and +5 VDC outputs should not exceed 130 W. 3. Maximum continuous combined load on +12V1DC&+12V2DC outputs should not exceed 46A/552W. 4. Maximum peak total DC output power should not exceed 660 W. 5. Peak power and current loading should be supported for a minimum of 1 second

Ordering Information

PNA-600AXP AC/DC 600W ATX PS/2 Type PSU