

# Model: PP253X

- ATX Form Factor
- L 5.9" x W5.5" x H3.4"
- +5V Stand-By & Logic On/Off
- EMI Filtered
- Smart Fan Feature (Thermal Controlled Variable Speed Fan)

PP-253X is a 250 Watt 6-output, fan-cooled ATX (Baby AT or PS/2 Size) power supply designed for personal computer or industrial applications using the most recent processing technology requires +3.3V output, +5V AC-On Standby and Logic On/Off control.

## SPECIFICATIONS

FEATURES	
Maximum Power	250W
Transient Response	+5V,+12V outputs return to within 5% in less than 1ms for 20% load change.
P. G. Signal	100-500ms
Over Voltage Protection	+5V trip point < +6.25V +3.3V trip point < +4.10V recycle AC to reset +12V trip point < +15.6
Overload Protection	Latching Protection +5V @ < 30A +3.3V @ < 16A +12V @ < 13A
Leakage Current	<1mA @ 240VAC

INPUT	
Input Voltage	115VAC/230VAC Auto-Switching Option
Input Frequency Range	47Hz to 63Hz
Input Surge Current (p-p)	≤ 45A @ 115VAC
Input Current	6.0A for 115VAC 3.0A for 230VAC
Hold-up Time	≤ 20ms at Full Load
Efficiency	≥ 70%
EMI/RFI	FCC Class B CISPR22 Class B

OUTPUT						
	+5V	-5V	+12V	-12V	+3.3V	+5V SB
Max. Load	25A*	0.5A	10A	0.5A	14A*	0.15A
Min. Load	2.2A	0A	0.5A	0A	1A	0A
Load Reg.	±5%	±10%	±5%	±10%	±5%	±10%
Ripple V(p-p)	50mV	50mV	120mV	120mV	40mV	50mV

\* +5V and 3.3V combined output: 125Watts max.

ENVIRONMENTAL	
Operating Temp.	0 to 50°C
Operating Alt.	Sea Level 10,000 ft.
Non-Operating Vibration	<b>Operating:</b> 10-300 Hz, 0.5G, 3 axes, 1 hr. ea. axis <b>Non-operating:</b> 10-300 Hz, 2.0G, 3 axes, 1 hr. ea. axis
MTBF	55,000 hrs. @ 25°C
Weight	5 lbs.
Approvals	UL, CSA, TUV, CE

