



Power Supply

ATX 12V 2.2 Version

PZ Series-300/350/400/500

PZ-400 Model
Passed Intel Test of
ATX 12V 2.2 Version



Features

- 6 outputs (-12V, +5V, +3.3V, +12V1, +12V2, 5VSB)
- Low acoustic noise
- High reliability
- Remote On/Off
- Built-in EMI filter
- Thermal fan speed control
- Active PFC function (Optional)

Specification

Efficiency	> 65% (max. load)
Hold Time	> 17ms (max. load)
Rise Time	< 20ms (max. load)
Short Protection	All outputs
Overvoltage Protection	+5V, +12V, +3.3V

Cables

P4 Cable
(STD)



24 pin ATX 12V
Connector



PCI-E Cable



Serial ATA Cable
1 Pcs (STD/300W) ;
2 Pcs (STD/>350W)



+5V DC Jack (STD) or
+12V DC Jack (Optional)



8P for Server
500W (Optional)



Input

Voltage Range	90 ~ 135 / 180 ~ 264VAC (slide switch)
Frequency Range	47 ~ 63 Hz

Environment

Operation Temp.	10°C ~ 50°C
Storage Temp.	-20°C ~ +60°C
Storage altitude	sea level to 50000ft
Operating & Storage humidity	10% ~ 95%RH
Operating altitude	sea level to 10000ft

Mechanical

Dimension (WxDxH) : 150x140x85 mm (PS2)

Model		300	350	400	500
AC Input	115V 60Hz	7A	8A	10A	10A
	230V 50Hz	4A	5A	5A	5A
DC Output	+5V	20A	21A	28A	30A
	+3.3V	20A	22A	30A	32A
	+12V1	8A	10A	14A	17A
	+12V2	14A	15A	15A	16A
	-12V	0.3A	0.3A	0.3A	0.3A
	+5Vsb	2A Peak:2.5A	2A Peak:2.5A	2A Peak:2.5A	2A Peak:2.5A
Max Power		300W	350W	400W	500W

- Regulation tolerance shall include temperature change, warm up drift and dynamic load.
- Ripple and noise are measured differentially at the supply using load that are each shunted by at least a 0.1uf ceramic disc capacitor and a 10uf electrolytic capacitor bandwidth up to 20 MHz.



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