

Power Supply

ATX 12V 2.2 Version PW Series-350/400/500



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)

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

Specification

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

Input

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

Mechanical

Dimension : 150(W) x 86(H) x 140(D) mm

Cables

	20+4 Pin	P4 Connector (CPU)	P4+P4(CPU)	4 Pin Connector (IDE)	SATA Connector	4 Pin Connector (Floppy)	PCI-E 6+2Pin
350W	x1	x1	-	x2	x4	-	Optional
400W~500W	x1	-	x1	x2	x4	-	x1

Model		350	400	500
AC Input	115V 60Hz	8A	10A	10A
	230V 50Hz	5A	5A	5A
	+5V	21A	28A	30A
	+3.3V	22A	26A	28A
	+12V1	10A	14A	17A
DC Output	+12V2	15A	15A	16A
	-12V	0.3A	0.3A	0.3A
	+5Vsb	2A	2A	2A (Peak 2.5A)
+3.3V & 5V MAX		130W	130W	150W
Max Power		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.