

# Power Supply



## ATX & EPS 12V Version PT Series-300/400/500/600/700



### Features

- Active Power factor correction
- Universal AC input Voltage
- ATX 12V & EPS 12V 2.92
- Ultra quiet fan speed control design
- Build-in 12cm DC fan
- High efficiency>80%

### 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	> 80% (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	100Vac~240Vac (Auto Switch)
Frequency Range	47~63 Hz

### Mechanical

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

### Cables

							
	20+4 Pin	P4+P4(CPU)	4 Pin Connector (IDE)	SATA Connector	4 Pin Connector (Floppy)	PCI-E 6+2PIN	PCI-E 6PIN
<b>300W</b>	x1	x1	x3	x2	x1	-	-
<b>400W</b>	x1	x1	x3	x3	x1	x1	x1
<b>500W</b>	x1	x1	x3	x4	x1	x2	-
<b>600W</b>	x1	x1	x3	x6	x1	x2	-
<b>700W</b>	x1	x1	x3	x6	x1	x2	x2

Model	300	400	500	600	700	
<b>AC Input</b>	100~240V/12~5.3A/50~60Hz	100~240V/12~5.3A/50~60Hz	100~240V/12~5.3A/50~60Hz	100~240V/12~5.3A/50~60Hz	100~240V/12~5.3A/50~60Hz	
<b>DC Output</b>	+5V	18A	18A	22A	25A	25A
	+3.3V	12A	16A	20A	26A	24A
	+12V1	14A	20A	24A	16A	22A
	+12V2	-	-	-	18A	24A
	+12V3	-	-	-	-	-
	+12V4	-	-	-	-	-
	-12V	0.3A	0.3A	0.3A	0.3A	0.3A
+5Vsb	2.0A	2.0A	2.0A	2.0A	2.0A	
<b>Max Power</b>	300W	400W	500W	600W	700W	

- 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.