



# Power Supply

## ATX 12V 2.2 Version

### PK Series-300/350/400/500

PK-350 Model  
Passed Intel Test of  
ATX 12V 2.2 Version



- 8P for Server
- Serial-ATA Connector
- Active-PFC
- PCI Express
- Fan Speed Control

Features	Specification
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- 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)

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

Environment
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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
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Dimension (WxDxH) : 150x 140x 85 mm (PS2)

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