

Power Supply

ATX 12V 2.31 Version PK Series-230/250/300/350



Features

- 5 outputs (+/-12V, +5V, +3.3V, 5VSB)
- Low acoustic noise
- High reliability
- Remote On / Off
- Built-in EMI filter
- Mute version 12cm FAN

Environment

Operation Temp.	10°C ~ 50°C
Storage Temp.	-20°C ~ +60°C
Storage altitude	sea level to 5000ft
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
Overvoltage 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)	4 Pin Connector (IDE)	SATA Connector	4Pin Connector (Floppy)	PCI-E 6+2Pin
230W-250W	x1	x1	x2	x2	-	-
300W-350W	x1	x1	x2	x4	-	Optional

Model		230	250	300	350
AC	115V 60Hz	6A	7A	7A	8A
Input	230V 50Hz	3A	4A	4A	5A
DC Output	+5V	15A	15A	15A	15A
	+3.3V	14A	16A	21A	21A
	+12V	15A	16A	-	-
	+12V1	-	-	11A	11A
	+12V2	-	-	8A	14A
	-12V	0.3A	0.3A	0.3A	0.3A
	+5Vsb	2A	2A	2.5A	2.5A
+3.3 & 5V MAX		85W	90W	103W	103W
Max Power		230W	250W	300W	350W

- 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.