

# Power Supply

## ATX 12V 2.31 Version PW Series-250/300/350



### Features

- 6 outputs (+/-12V, +/-5V, 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
Overvoltage Protection	+5V, +12V, +3.3V







### Input

Voltage Range	115 ~ 230VAC (slide switch)
Frequency Range	47 ~ 63 Hz

### Mechanical

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

### Cables

						
<b>250W</b>	x1	x1	x2	x2	-	-
<b>300W-350W</b>	x1	x1	x2	x4	Optional	-

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