

Power Supply

Flex ATX PB Series-75/120/150



Features

- 5 outputs (-12V, +5V, +3.3V, +12V, 5VSB)
- Low acoustic noise
- High reliability
- Remote On / Off
- Built-in EMI filter
- Thermal fan speed control
- Active PFC function (120/150W STD)

Specification

Efficiency	> 68% (max. load)
Hold Time	> 17ms (max. load)
Rise Time	< 20ms (max. load)
Short Protection	All outputs
Oversvoltage Protection	+5V, +12V, +3.3V

Environment

Operation Temp.	10°C ~ 40°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

Input

Voltage Range	100 ~ 240VAC (with PFC) / 230VAC (without PFC)
Frequency Range	47 ~ 63 Hz

Mechanical

Dimension : 43(W) x 82(H) x 150(D) mm

Cables

					
75W-200W	x1	x1	x2	x2	-

Model		75	120	150
AC Input	115V 60Hz	2A	3A	4A
	230V 50Hz	1A	1.5A	2A
DC Output	+5V	9A	10A	10A
	+3.3V	3A	7A	10A
	+12V	3A	6A	10A
	-12V	0.3A	0.3A	0.3A
	+5Vsb	2A	2A	2A
+3.3V & 5V MAX		40W	65W	80W
Max Power		75W	120W	150W

- 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.