

Power Supply

ATX & EPS 12V Version PE Series-800S/1K0S



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 >85%

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	> 85% (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 85(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
800W	x1	x1	x3	x9	x1	x2	x2
1000W	x1	x1	x3	x9	x1	x2	x2

Model	800	1000	
AC Input	100~240V/12~5.3A/50~60Hz	100~240V/12~5.3A/50~60Hz	
DC Output	+5V	25A	30A
	+3.3V	20A	25A
	+12V1	25A	28A
	+12V2	20A	25A
	+12V3	28A	35A
	+12V4	28A	28A
	-12V	0.3A	0.5A
+5Vsb	3.0A	3.0A	
Max Power	800W	1000W	

- 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.