



Features

- 80 PLUS® BRONZE certified to deliver up to 88% efficiency.
- High efficiency 5Vsb circuit helps system meet EU ErP Lot 6 2010 standby low power consumption requirements.
- 12cm fan with thermal programmed speed controller provides silent cooling performance.
- Active PFC universal switching circuit improves Power Factor value up to 0.99.
- Over Power, Over Voltage, Over Current, Short-circuit, and Brown Out protection provide great safety to your system.
- 8P PCI-E connector for extreme graphics cards.
- Powerful single +12V design provides maximum power and compatibility to latest CPUs and high-end graphics cards.
- 60cm CPU connector cable facilitates installation with bottom-mounted PSU chassis.
- SATA power connectors with 3.3V rail support new generation SSD.

ErP Lot 6 Support

Extreme Safety:
diversity of
protective function

Extreme Efficiency: up to 88%

Extreme Compatibility:
high 12V rail output

Extreme Quietness:
12cm fan with thermal programmed speed controller

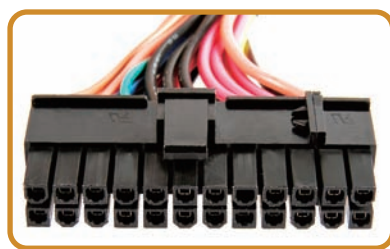


Specifications

		B450-SA	B550-SA	B650-SA
AC Input	Input Voltage	100-240VAC 47-63Hz		
	Input Current	6A	8A	10A
DC Output	+3.3V	25A	25A	25A
	+5V	20A	25A	25A
	+12V	30A	38A	45A
	-12V	0.8A	0.8A	0.8A
	+5Vsb	3A	3A	3A
Total Power		450W	550W	650W



Connectors



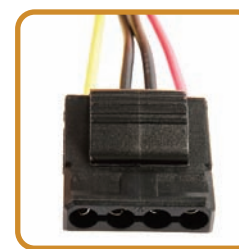
24 Pin Main Power

- 450W x 1
- 550W x 1
- 650W x 1



4+4 Pin CPU

- 450W x 1
- 550W x 1
- 650W x 1



4 Pin Peripheral

- 450W x 4
- 550W x 4
- 650W x 4



6+2 Pin PCI-E

- 450W x 1
- 550W x 1
- 650W x 2



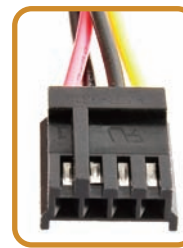
6 Pin PCI-E

- 450W x 1
- 550W x 1



SATA

- 450W x 5
- 550W x 5
- 650W x 7



4 Pin Floppy

- 450W x 1
- 550W x 1
- 650W x 1

