

# be quiet!®

## STRAIGHTPOWER

BQT E5-500



The be quiet! Straight Power convinces through its **excellent quality and its perfected technology**. That power supplies of the Straight Power series have been given an energy-saving design, offering a **high efficiency of up to 83%**.

The cooling of the power supply is done with a 120 mm Silent-Cooler, which is controlled by way of an **integrated thermoelectronic device**. By way of the thermoelectronics, up to **3 additional housing ventilators can be connected and controlled**.

The be quiet! Straight Power has been manufactured in accordance with the **ATX 12V 2.2 standard** and it uses 2 separate 12V cables (**DUAL RAIL**) for an optimal power supply and stable operations.

### Connections

- \* 20/24 Pin Connector
- \* 6x HDD & 1x FDD Connector
- \* 2x 12V P4 Plug (1x P8)
- \* **8x SATA** Connector
- \* **2x PCI-Express** Connector
- \* 3x FAN Connector

A **flexible 20/24-pin connector**, which also supports older 20-pin mainboards, is used for the connection to the mainboard.

In addition, **two 12V plugs** are provided for connecting additional power supplies to the mainboard.

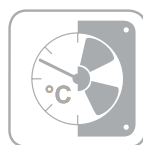
### Features



ECO PLUS



EFFICIENCY PLUS



THERMO CONTROLLER



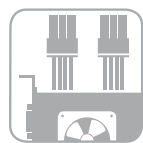
EMV PROTECTOR



ATX 12V VERSION 2.2



HIGH PERFORMANCE



PCI EXPRESS CONNECTOR

### Technical Data

technical data	ATX form factor	ATX 12V V2.2	
	AC input	110 - 240Vac	
	voltage rate	47 - 63 Hz	
	PFC type	active PFC	
	PFC value	0,99 at 100% load	
DC output voltage regulation	DC output	tolerance	output current
	+ 3,3V	+ /- 5 %	3,14V ~ 3,47V
	+ 5V	+ /- 5 %	4,75V ~ 5,25V
	+ 12V1	+/- 5 %	11,4V ~ 12,6V
	+ 12V2	+/- 5 %	11,4V ~ 12,6V
	- 12V	+/- 10 %	-10,8V ~ -13,2V
	+ 5VSB	+ /- 5 %	4,75V ~ 5,25V
	+ 12V3	+ /- 5 %	11,4V ~ 12,6V
+ 12V4	+ /- 5 %	11,4V ~ 12,6V	

for 550W mode I

AC INPUT		110 - 240Vac		50 - 60Hz		10 - 5A	
DC OUTPUT		3,3V	5V	12V1	12V2	-12V	5VSB
BQT E5-500W	max. Power	30A	30A	25A	18A	0,5A	2,5A
	max. combined Power	160W		408W		6W	12,5W
		500W					