

be quiet!®

STRAIGHTPOWER

BQT E5-650 & BQT E5-700



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 4 separate 12V cables (**QUAD 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.

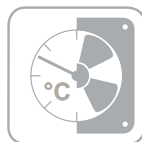
Features



ECO PLUS



EFFICIENCY PLUS



THERMO CONTROLLER



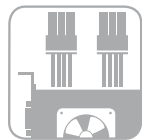
EMV PROTECTOR



ATX12V 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

AC INPUT		110 - 240Vac				50 - 60Hz		10 - 5A	
DC OUTPUT		3,3V	5V	12V1	12V2	12V3	12V4	-12V	5VSB
BQT E5-650W	max. Power	35A	30A	18A	18A	18A	18A	0,5A	3A
	max. combined Power	180W		52A				6W	15W
				650W					

AC INPUT		110 - 240Vac				50 - 60Hz		10 - 5A	
DC OUTPUT		3,3V	5V	12V1	12V2	12V3	12V4	-12V	5VSB
BQT E5-700W	max. Power	35A	30A	18A	18A	18A	18A	0,5A	3A
	max. combined Power	180W		56A				6W	15W
				700W					