

It's new heart is **beating just for you!**

# STRAIGHTPOWER<sup>E7</sup> CABLE MANAGEMENT

**680W**

## Trying having a look at your power supply through our eyes!

Namely as the heart of your computer! After all, what makes us humans so effective? That's right, a strong heart that reliably provides our body with the right amount of energy at the right time. We developed the STRAIGHT POWER<sup>E7</sup> series of be quiet! power supply units with that same principle in mind. STRAIGHT POWER<sup>E7</sup> constantly adjusts the amount of energy it supplies to reflect the current workload facing your computer: from nearly zero watts in stand-by mode to the full bore when working with high-end applications. Up to four separate 12V cables are on hand to provide a stable power supply to all of your system's key components. That helps your entire computer work at the same high levels of efficiency that the STRAIGHT POWER<sup>E7</sup> achieves!

STRAIGHT POWER<sup>E7</sup> from be quiet! is available starting immediately, with or without cable management. Both variants boast the 80 PLUS Bronze certificate and are notable quiet running thanks to the be quiet! SilentWings fans. The compatibility with the latest ATX 2.3 technology, multiple PCIe slots as well as a high degree of efficiency (up to 88%) prep your PC for top performance. The new, elegant STRAIGHT POWER<sup>E7</sup> design with a top-quality surface and innovative ventilation grate provides better air circulation and rounds out the product's appearance. That means that STRAIGHT POWER<sup>E7</sup> is naturally a worthy addition to the accustomed premium quality of the be quiet! family.

## Technology that gives its heart and soul.

- Compatible with the latest ATX-version 12V 2.3 / EPS version 2.92
- Active PFC with a PF of 0.99 (at 100% load)
- Quad Rail (4 separated 12V rails)
- Hold-up time of >19ms (at 100% Last)
- Long service life of up to 100,000 hours at 25° Celsius
- Ultra Silent Concept with silent 120mm SilentWings fan from be quiet!

## A strong heart, fully committed.

- All-in-one cable
- Sleeved cable
- Flexible 20/24-Pin mainboard connector
- Multi-GPU compatible through 4x PCIe
- Worldwide mains supply compatibility (100 - 240Vac)
- Versatile standard connectors (S-ATA, HDD, FDD, P4 for example)
- Multiple connection options. (4+4-Pin for example)
- Full power in 24/7 operation



## With this heart you'll be on the safe side.

- Outstanding safety kit:  
OCP (Over Current Protection), OVP (Over Voltage Protection),  
UVP (Under Voltage Protection), SCP (Short Circuit Protection),  
OPP (Over Power Protection), OTP (Over Temperature Protection)
- Internationally proved safety icons:



## A heart for the environment.

- 80 PLUS bronze certification with a high level of energy efficiency of up to 88%
- EuP-ready and low power consumption in stand-by mode of less than 0.5W
- Supports "Energy Star 5.0"\* energy standard
- Supports Intel Deep Power-Down C6 status
- 2002/95/EG RoHS and WEEE



## In case something's weighing heavy on your heart.

- 3-years manufacturer's warranty
- Rapid help via the be quiet!-hotline:  
+49 (0) 40 736 76 86-98 (from outside Germany)  
mondays to fridays from 9 a.m. to 5.30 p.m.
- Detailed user manuals in the box and also available as download at [www.be-quiet.com](http://www.be-quiet.com)

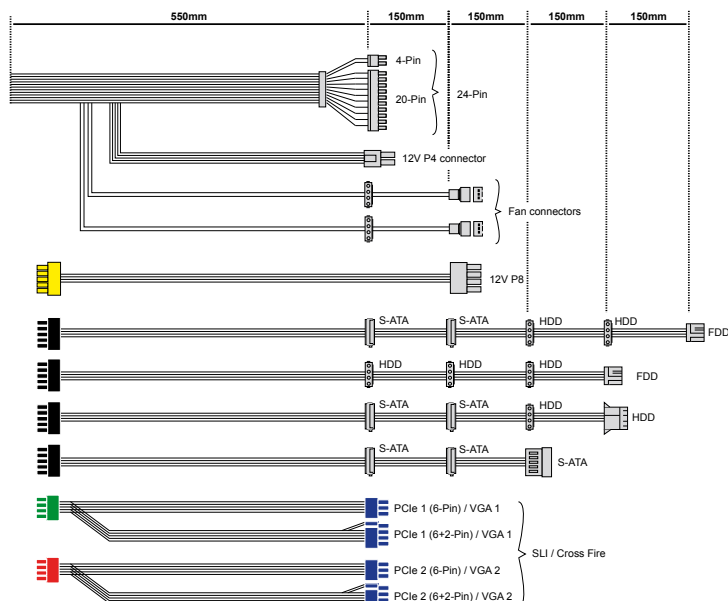
**4x 12V rails  
2x PCIe 6+2-Pin  
2x PCIe 6-Pin**

\* The be quiet! STRAIGHT POWER<sup>E7</sup> power supply has been specially designed to save energy. It fulfils the specifications in Appendix C of the Agreement between the United States government and the European Community (EU) on the coordination of energy-efficient labelling programmes for office equipment of 19/12/2000 (EU Official Journal L 381/26, known as the "Energy Star" Agreement) and is therefore suitable for use with "Energy Star" compliant computers.

# STRAIGHTPOWER<sup>E7</sup> CABLE MANAGEMENT

be quiet!

680W



## All the facts.

Specifications	BQT E7-CM-680W	BQT E7-CM-580W	BQT E7-CM-480W
Continuous power (W)	680	580	480
PSU dimensions (cm)	15x8,6x16	15x8,6x16	15x8,6x16
Hold-up time (ms at 100% load)	>19	>19	>19
ATX Mainboard connector	20+4-Pin	20+4-Pin	20+4-Pin
P4 connector	1	1	1
P8 connector (4+4-Pin)	1	1	1
PCIe-6+2-Pin GPU connector	2	1	1
PCIe-6-Pin GPU connector	2	2	1
IDE 4-Pin connector (HDD, optical disk drives)	7	5	5
S-ATA 5-Pin connector (HDD, optical disk drives)	7	6	5
FDD-4-Pin connector (Floppy disk drive)	2	2	2
Number of fan connectors	2	2	2
All-in-one cable (S-ATA, IDE, HDD, FDD)	1	1	1
Number of cables	13	11	10
Cable lengths to first connector / MB cable in length (cm)	55	55	55
Maximum cable length (cm)	115	115	115
EPS version 12V 2.92	•	•	—

Description	Model-No.	Packaging size (WxHxD in cm)	Box weight (kg)	Quantity per ship. box	Size of ship. box (WxHxD in cm)	Weight of ship. box (kg)	EAN-Code	RRP (€/£)
BQT E7-CM-680W	BN123	25x10x33	3,26	6	28,5x36x66	21	4260052181492	139,90/112,95
BQT E7-CM-580W	BN122	25x10x33	3,15	6	28,5x36x66	20	4260052181478	119,90/96,85
BQT E7-CM-480W	BN121	25x10x33	3,01	6	28,5x36x66	19,2	4260052181454	99,90/80,70

AC Input		100 - 240Vac    50 - 60Hz    10 - 5A							
DC Output		3,3V	5V	12V1	12V2	12V3	12V4	-12V	5VSB
BQT E7-CM-680W <b>680W</b>	max. current	28A	28A	18A	18A	18A	18A	0,5A	3A
		52A							
	max. combine power	160W		624W				6W	15W
<b>680W</b>									