



The be quiet! S6-SYS-UA-450W convinces through its **excellent quality and its perfected technology.**

That power supplies of the S6-SYS-UA series have been given an energy-saving design, offering **high efficiency up to 87%**. The cable connectors are optimized for system building.

PERFORMANCE

- **Thermoelectronics** for efficient cooling. Automated control of the internal fan with **start-up pulse.**
- **Two separated 12 V rails** (DUAL RAIL) for optimal power supply
- **Stable power supply**, high degree of safety against voltage fluctuations off the power mains through a very high hold-up time of >23ms.
- **Maximum power stability** on the output voltages of (+/- 3%) and active PFC with PF of up to 0.99.
- High degree of safety through numerous **safety circuits:**
OCP, OTP, SCP, OVP, OPP, NLO

CONNECTIVITY

- Motherboard 20/24 Pin connection
- 4 x SATA ports
- 4 x HDD ports
- 1 x FDD ports
- 1x 12 V P4 plug
- 1x 12 V P8 plug
- **1x PCIe cable**
- Key connections bundled into an **all-in-one cable** (2x HDD, 2x SATA, 1x FDD)
- **Coated cables** bring order to the system
- **Strong 3A stand-by power level** for connecting multiple USB devices

ECONOMY

- Enables the construction of a **power-saving PC system**
- Excellent energy savings and robustness, with **efficiency reaching up to 87%**



- Standby consumption <0.8W
- **Maximum quality components, intelligent cooling system** and low heat generation ensure a long service life

Technical Data

Technical Data	ATX Form Factor	ATX 12V Version 2.2	
	AC Voltage	110 - 240Vac	
	Frequency	50 - 60Hz	
	PFC type	Active PFC	
	PF value	0,99 @ 100% load	
DC Output Regulation voltage from 550W up to 700W	DC output	Tolerance	Control ranges
	+ 3,3V	+/- 3%	3,20 ~ 3,40
	+ 5V	+/- 3%	4,85 ~ 5,15
	+ 12V1	+/- 3%	11,64 ~ 12,36
	+ 12V2	+/- 3%	11,64 ~ 12,36
	+ 12V3	+/- 3%	11,64 ~ 12,36
	+ 12V4	+/- 3%	11,64 ~ 12,36
	- 12V	+/- 3%	11,64 ~ 12,36
+ 5VSB	+/- 3%	4,85 ~ 5,15	

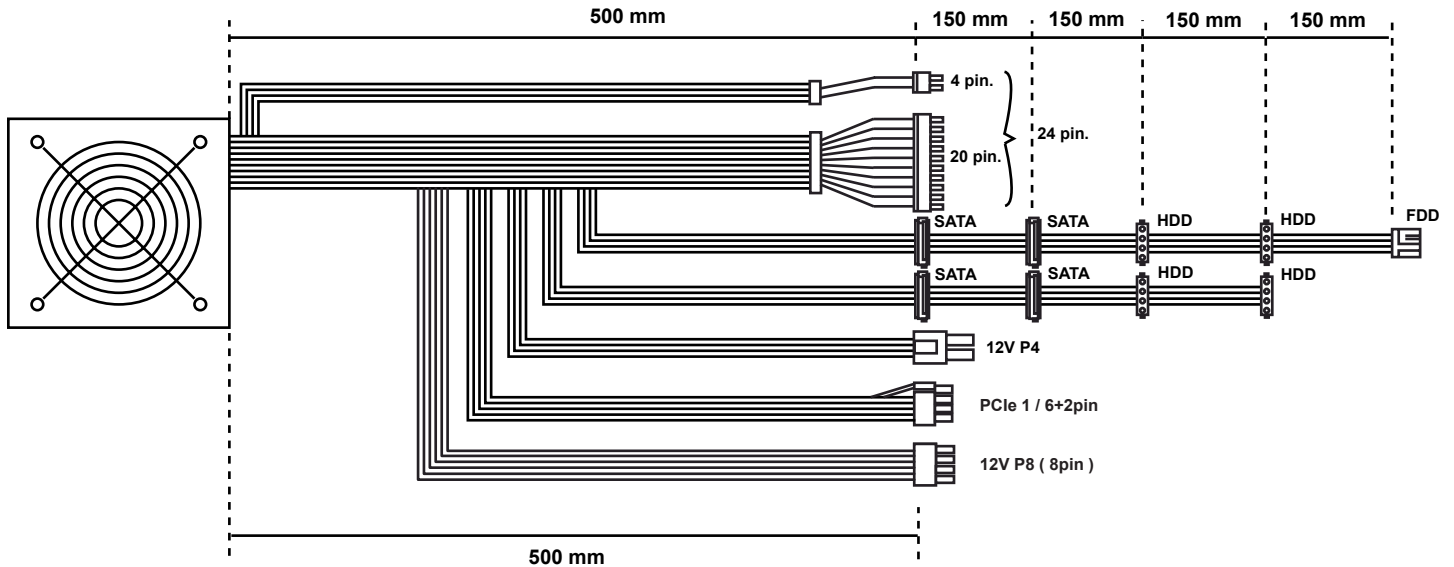
Specification

AC Input		110 - 240Vac		50 - 60Hz		10 - 5A	
DC Output		3,3V	5V	12V1	12V2	-1.2V	5VSB
BQT S6-SYS-UA-450W 450W	max. current	30A	30A	25A	18A	0,5A	3A
	max. combine power	160W		432W		6W	15W
450W							

Certifications



Cable Management



Connectors			
HDD	4	P8	1
SATA	4		
FDD	1		
PCI-E	1		
P4	1		

Logistic Data

Weight:

Gross: 2,200 kg
p.u. Gross: 22,500 kg

packaging unit:

10 pcs. / package
Dimensions: 215 x 525 x 615 (WxHxD)

manufacturer number:

BN090