




Straight Power – unstoppable.

The be quiet! Straight Power series stands out for its **outstanding quality, fine-tuned engineering and energy-saving concept.**

The Straight Power 450W is a **quiet and reliable high-quality power supply** for PC systems with high powered graphics cards requiring a **high level of power supply stability.**

| PERFORMANCE | CONNECTIVITY | ECONOMY | SERVICE |
|--|--|---|--|
| <ul style="list-style-type: none"> • Thermoelectronics for efficient cooling. Automated control of the internal fan & 2 additional connected case fans with start-up pulse. • Two separated 12 V rails (DUAL RAIL) for optimal power supply • Stable power supply, high degree of safety against currency fluctuations off the power mains through a very high support time of >23ms. • Maximum power stability on the output voltages of (+/- 3%) and active PFC with PF of up to 0.99. | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Enables the construction of a power-saving PC system • Excellent energy savings and robustness, with efficiency reaching up to 87% <div style="text-align: center;">  </div> <ul style="list-style-type: none"> • Standby consumption <0.8W • Maximum quality components, intelligent cooling system and low heat generation ensure a long service life | <ul style="list-style-type: none"> • Premiere service • 3 year manufacturer's guarantee |

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 | 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 | |
| | from 550W up to 700W | + 12V3 | +/- 3% | 11,64 ~ 12,36 |
| | | + 12V4 | +/- 3% | 11,64 ~ 12,36 |
| | | - 12V | +/- 3% | 11,64 ~ 12,36 |
| | + 5VSB | +/- 3% | 4,85 ~ 5,15 | |

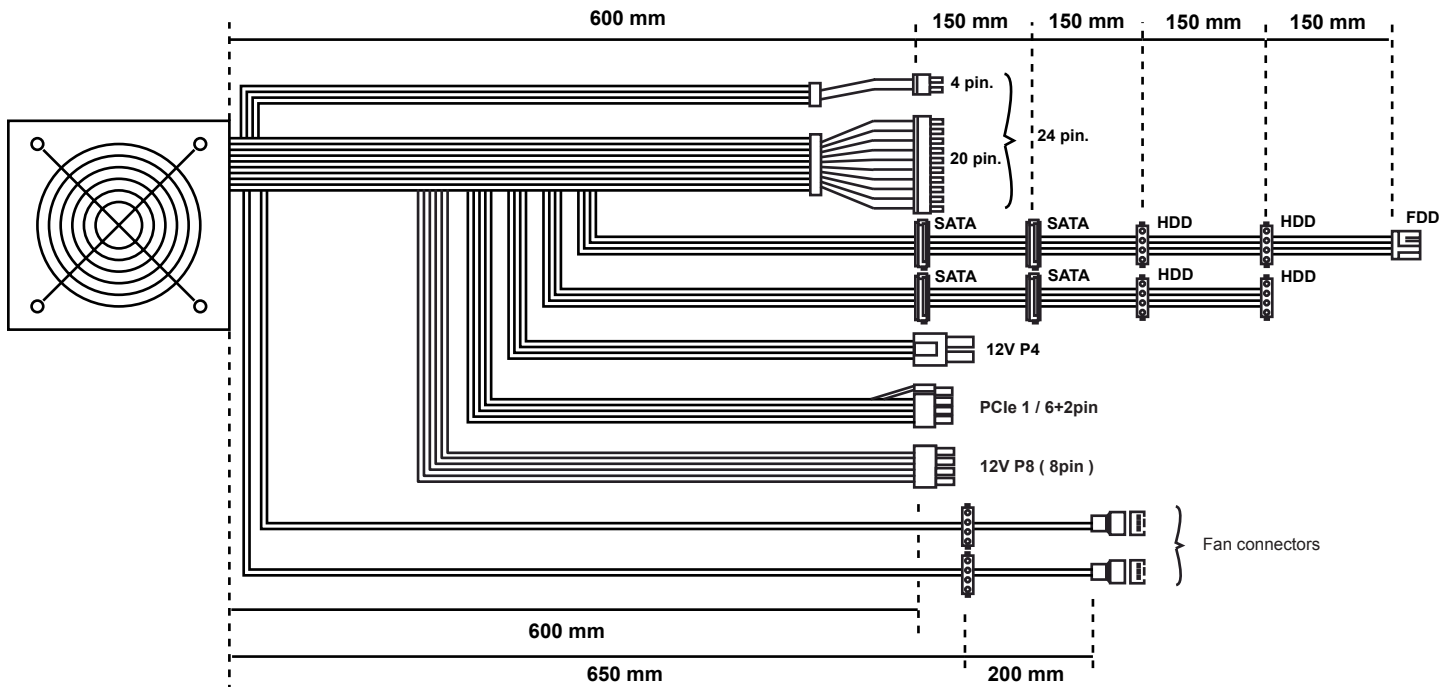
Specification

| | | | | | | | |
|----------------------------|--------------------|--------------|-----|-----------|------|---------|------|
| AC Input | | 110 - 240Vac | | 50 - 60Hz | | 10 - 5A | |
| DC Output | | 3,3V | 5V | 12V1 | 12V2 | -1.2V | 5VSB |
| BQT E6-450W 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 | FAN | 2 |
| FDD | 1 | | |
| PCI-E | 1 | | |
| P4 | 1 | | |

Logistic Data

| | | | | |
|-----------------------|-------------------------------------|-------------------------|-----------------------------|------------------|
| Weight: | packaging unit: | package size: | manufacturer number: | EAN-Code: |
| Gross: 3,330 kg | 6 pcs. / package | 300 x 110 x 230 (WxHxD) | BN084 | 4260052181003 |
| p.u. Gross: 21,300 kg | Dimensions: 340 x 250 x 660 (WxHxD) | | | |