

be quiet! Dark Power 13 power supply unit

| | |
|-------------------------|---------------|
| Artikel | 128998 |
| Herstellernummer | BN334 |
| EAN | 4260052189399 |
| be quiet! | |



NO COMPROMISE SILENCE AND PERFORMANCE

The be quiet! Dark Power 13 850W offers 80 PLUS® Titanium efficiency, virtually inaudible operation, and ATX 3.0 compliance for next-gen GPU compatibility.

80 PLUS® TITANIUM CERTIFIED

The highest efficiency certificate available

Dark Power 13 850W is certified with 80 PLUS Titanium and a money-saving energy efficiency rating of up to 95.4%. This provides lots of benefits for your high-end system, including less power consumption and an overall cooler and quieter operation. The standby drain is below 0.1 watts

FUTURE-PROOF YOUR SYSTEM

Fulfills all ATX 3.0 specifications

Dark Power 13 850W is an ATX 3.0 PSU and comes with both native integration of the 12VHPWR connector for next-generation PCIe 5.0 graphics cards, and PCIe 6+2-pin connectors for support of current-gen GPUs. This makes the PSU extremely versatile and the perfect choice for present high-end systems and the ones to come.

THE NEW STANDARD OF POWER

For massive transient loads

Dark Power 13 offers 850W of continuous power with 4 independent 12V rails. Even if the graphics card demands excessive power for a short time: Dark Power 13 850W handles power excursions up to double its rated power with ease. This ensures reliable operation with the next generation of processors and graphics cards.

FRAMELESS SILENT WINGS FAN

Patented fan technology for virtually inaudible operation

The improved tripod-mounted be quiet! Silent Wings fan enables maximum airflow and a virtually inaudible operation. This is thanks to its unique, airflow-optimized fan blade design along with an advanced fluid-dynamic bearing. A 6-pole fan motor ultimately makes for less vibration, super-long life and minimal power consumption.

INNOVATIVE COOLING CONCEPT

For a longer lifespan

The split fan inlet of the Dark Power 13 850W is a custom-shaped funnel that increases airflow while reducing unwanted turbulence. The wire-free design inside allows the cool air to reach all components flawlessly which ultimately leads to a longer lifespan

READY FOR OVERCLOCKING

Pushing the performance of your PSU to the max

Dark Power 13 850W is particularly suitable for overclocking. The overclocking key gives you full overclocking control by manually switching between the default four 12V-rail mode and the alternative massive single-rail operation.

WORLD CLASS TOPOLOGY

State-of-the-art technology for extremely high efficiency

With an active rectifier and full bridge LLC technology Dark Power 13 850W offers some of the most advanced technologies available, resulting in higher efficiency, better regulation and lower ripple noise for an incomparably stable operation.

JAPANESE 105° CAPACITORS

A testament to high quality

Only the best components are used in Dark Power 13 850W. That is why we have exclusively built high-quality Japanese capacitors into the PSU chassis. They are rated to 105°C which ensures stability, reliability, and a long operating life.

HIGHEST CONVENIENCE AND BEST CONNECTIVITY

Modular cables

Modular, sleeved cables of up to 120cm in length simplify component installation and reduce annoying clutter. This results in increased airflow and improved cooling in even the largest PC cases.

Zusammenfassung

NO COMPROMISE SILENCE AND PERFORMANCE

The be quiet! Dark Power 13 850W offers 80 PLUS® Titanium efficiency, virtually inaudible operation, and ATX 3.0 compliance for next-gen GPU compatibility.

80 PLUS® TITANIUM CERTIFIED

The highest efficiency certificate available

Dark Power 13 850W is certified with 80 PLUS Titanium and a money-saving energy efficiency rating of up to 95.4%. This provides lots of benefits for your high-end system, including less power consumption and an overall cooler and quieter operation. The standby drain is below 0.1 watts

FUTURE-PROOF YOUR SYSTEM

Fulfills all ATX 3.0 specifications

Dark Power 13 850W is an ATX 3.0 PSU and comes with both native integration of the 12VHPWR connector for next-generation PCIe 5.0 graphics cards, and PCIe 6+2-pin connectors for support of current-gen GPUs. This makes the PSU extremely versatile and the perfect choice for present high-end systems and the ones to come.

THE NEW STANDARD OF POWER

For massive transient loads

Dark Power 13 offers 850W of continuous power with 4 independent 12V rails. Even if the graphics card demands excessive power for a short time: Dark Power 13 850W handles power excursions up to double its rated power with ease. This ensures reliable operation with the next generation of processors and graphics cards.

FRAMELESS SILENT WINGS FAN

Patented fan technology for virtually inaudible operation

The improved tripod-mounted be quiet! Silent Wings fan enables maximum airflow and a virtually inaudible operation. This is thanks to its unique, airflow-optimized fan blade design along with an advanced fluid-dynamic bearing. A 6-pole fan motor ultimately makes for less vibration, super-long life and minimal power consumption.

INNOVATIVE COOLING CONCEPT

For a longer lifespan

The split fan inlet of the Dark Power 13 850W is a custom-shaped funnel that increases airflow while reducing unwanted turbulence. The wire-free design inside allows the cool air to reach all components flawlessly which ultimately leads to a longer lifespan

READY FOR OVERCLOCKING

Pushing the performance of your PSU to the max

Dark Power 13 850W is particularly suitable for overclocking. The overclocking key gives you full overclocking control by manually switching between the default four 12V-rail mode and the alternative massive single-rail operation.

WORLD CLASS TOPOLOGY

State-of-the-art technology for extremely high efficiency

With an active rectifier and full bridge LLC technology Dark Power 13 850W offers some of the most advanced technologies available, resulting in higher efficiency, better regulation and lower ripple noise for an incomparably stable operation.

JAPANESE 105° CAPACITORS

A testament to high quality

Only the best components are used in Dark Power 13 850W. That is why we have exclusively built high-quality Japanese capacitors into the PSU chassis. They are rated to 105°C which ensures stability, reliability, and a long operating life.

HIGHEST CONVENIENCE AND BEST CONNECTIVITY

Modular cables

Modular, sleeved cables of up to 120cm in length simplify component installation and reduce annoying clutter. This results in increased airflow and improved cooling in even the largest PC cases.

be quiet! Dark Power 13, 850 W, 100 - 240 V, 950 W, 50 - 60 Hz, 10 A, 5 A

be quiet! Dark Power 13. Total power: 850 W, AC input voltage: 100 - 240 V, Peak power: 950 W. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 60 cm, SATA power cable length: 1050 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Titanium. Product colour: Black, Cooling type: Active, Fan diameter: 13.5 cm. Cables included: SATA

Merkmale

Operational conditions

Operating temperature (T-T) 0 - 40 °C

Packaging content

Cables included SATA
Cable tie(s) included Y

Technical details

Sustainability certificates CB, CCC, CE, ENERGY STAR, ErP, Federal Communications Commission (FCC), RoHS, UKCA, WEEE
Warranty period 10 year(s)

Logistics data

Shipping (inner) case length 50.4 cm
Shipping (inner) case width 30.5 cm
Shipping (inner) case height 36.8 cm
Shipping (inner) case net weight 18.3 kg

Weight & dimensions

Width 150 mm
Depth 175 mm
Height 86 mm
Weight 1.97 kg

Packaging data

Package width 120 mm
Package depth 350 mm
Package height 270 mm
Package weight 4.25 kg
Package type Box

Design

Product colour Black
Cooling type Active
Fan diameter 13.5 cm
Number of fans 1 fan(s)
Fan speed 0 - 1800 RPM
Fan location Top
Illumination N
Built-in display N

Ports & interfaces

Motherboard power connector 20+4 pin ATX
Motherboard power cable length 60 cm
Number of SATA power connectors 12
Number of PATA power connectors 3
SATA power cable length 1050 mm
PCI Express power connectors (6+2 pin) 4
CPU power connector (4+4 pin) Y
Cabling type Modular

Performance

| | |
|-------------------------------------|-------------------------------------------------------------------|
| 80 PLUS certification | 80 PLUS Titanium |
| Supported motherboard form factors | ATX, micro ATX, Mini-ATX |
| Purpose | PC |
| Power supply unit (PSU) form factor | ATX |
| ATX version | 3.0 |
| EPS version | 2.92 |
| Noise level | 19.8 dB |
| Bearing technology | FDB |
| Mean time between failures (MTBF) | 100000 h |
| Certification | BSMI, CB, CCC, CE, cRUus, CU, FCC, cTUVus, RCM, TUV, UKCA, Triman |

Power

| | |
|-------------------------------|-----------------------------------------------------------------------------------|
| Total power | 850 W |
| Peak power | 950 W |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |
| Input current | 10 A |
| Maximum input current (@110V) | 5 A |
| Maximum input current (@220V) | 10 A |
| Max output current (+3.3V) | 24 A |
| Max output current (+12V1) | 30 A |
| Max output current (+12V2) | 30 A |
| Max output current (+12V3) | 35 A |
| Max output current (+12V4) | 35 A |
| Max output current (+5V) | 24 A |
| Max output current (-12V) | 0.5 A |
| Max output current (+5Vsb) | 3 A |
| Hold time | 22.6 ms |
| Efficiency | 95.4% |
| Power protection features | Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage |

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.