

# be quiet! Dark Power 13 power supply unit

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**Artikel**  
**Herstellernummer**  
**EAN**  
be quiet!

128998  
BN334  
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## 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**

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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

<b>Operational conditions</b>		<b>Packaging data</b>	
Operating temperature (T-T) 0 - 40 °C		Package width	120 mm
		Package depth	350 mm
		Package height	270 mm
		Package weight	4.25 kg
		Package type	Box
<b>Technical details</b>		<b>Design</b>	
Sustainability certificates	ENERGY STAR, ErP	Product colour	Black
<b>Certificates</b>		Cooling type	Active
Compliance certificates	CB, CCC, CE, Federal Communications Commission (FCC), RoHS, UKCA, WEEE	Fan diameter	13.5 cm
Certification	BSMI, CB, CCC, CE, cRUus, CU, FCC, cTUVus, RCM, TUV, UKCA, Triman	Number of fans	1 fan(s)
		Fan speed	0 - 1800 RPM
		Fan location	Top
		Illumination	No
		Built-in display	No
<b>Packaging content</b>		<b>Ports &amp; interfaces</b>	
Cables included	SATA	Motherboard power connector	20+4 pin ATX
Cable tie(s) included	Yes	Motherboard power cable length	60 cm
		Number of SATA power connectors	12
		Number of PATA power connectors	3
<b>Weight &amp; dimensions</b>		SATA power cable length	1050 mm
Width	150 mm	PCI Express power connectors (6+2 pin)	4
Depth	175 mm	CPU power connector (4+4 pin)	Yes
Height	86 mm	Cabling type	Fully-Modular
Weight	1.97 kg		
<b>Logistics data</b>		<b>Performance</b>	

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
Warranty period	10 year(s)

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

## 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.