

be quiet! PURE POWER 12 650W power supply unit



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be quiet!	

Exceptional quiet, superior features

Pure Power 12 650W is ATX 3.1 compliant and PCIe 5.1 compatible and offers peerless dependability with best-in-class features. Having both a PCIe 5.1 cable and PCIe 6+2 cables in the scope of delivery, this PSU offers remarkable convenience and outstanding compatibility.

Zusammenfassung

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Pure Power 12 650W is ATX 3.1 compliant and PCIe 5.1 compatible and offers peerless dependability with best-in-class features. Having both a PCIe 5.1 cable and PCIe 6+2 cables in the scope of delivery, this PSU offers remarkable convenience and outstanding compatibility.

be quiet! PURE POWER 12 650W, 650 W, 100 - 240 V, 720 W, 50/60 Hz, 10 A, 5 A

be quiet! PURE POWER 12 650W. Total power: 650 W, AC input voltage: 100 - 240 V, Peak power: 720 W. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 55 cm, SATA power cable length: 500,650,800 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Gold. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Cables included: AC

Merkmale

Certificates

Compliance certificates	CB, CE, Federal Communications Commission (FCC), RoHS, UKCA, WEEE, cTUVus
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Other features

Screws included	Yes
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Weight & dimensions

Width	86 mm
Depth	160 mm
Height	150 mm
Weight	2.4 kg

Design

Product colour	Black
Cooling type	Active
Fan diameter	12 cm

Technical details

Sustainability certificates ENERGY STAR, ErP, Triman

Packaging content

Cables included	AC
Cable tie(s) included	Yes

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 70 °C
Operating relative humidity (H-0 - 90% H)	
Storage relative humidity (H-0 - 95% H)	

Packaging data

Package width	133 mm
Package depth	320 mm
Package height	210 mm
Package weight	2.8 kg

Number of fans	1 fan(s)
On/off switch	Yes

Logistics data

Shipping (inner) case length	42 cm
Shipping (inner) case width	34.5 cm
Shipping (inner) case height	41.3 cm
Shipping (inner) case net weight	18.1 kg
Products per shipping (inner) case	6 pc(s)
Warranty period	10 year(s)

Performance

80 PLUS certification	80 PLUS Gold
Purpose	PC
Power supply unit (PSU) form factor	ATX
ATX version	3.1
EPS version	2.92
Noise level	18.2 dB
Bearing technology	Rifle
Mean time between failures (MTBF)	100000 h

Ports & interfaces

Motherboard power connector	20+4 pin ATX
Motherboard power cable length	55 cm
Number of SATA power connectors	5
SATA power cable length	500,650,800 mm
Peripheral (Molex) power connectors (4-pin)	1
Peripheral (Molex) power cable length	800 mm
PCI Express power connectors (6+2 pin)	2
PCI Express power connectors (12-pin)	1
PCI Express power cable length	60 cm
CPU P4 connector (4-pin)	1
CPU power connector (4+4 pin)	Yes
CPU power cable length	60 cm
Cabling type	Non-Modular

Power

Total power	650 W
Peak power	720 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Maximum input current (@110V)	10 A
Maximum input current (@220V)	5 A
Power factor	0.98
Power Factor Correction (PFC) type	Active
Number of +12V rail(s)	1
Combined power (+3.3V)	120 W
Combined power (+12V)	650 W

Combined power (+5V)	120 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	20 A
Max output current (+12V1)	54.1 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Hold time	16.86 ms
Efficiency	91%
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Surge & inrush protection (SIP), Under voltage

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