

## be quiet! PURE POWER 12 650W virtalähdeyksikkö 20+4 pin ATX ATX musta

**Tuotemerkki** : be quiet!

**Tuotekoodi**: BP002EU

**Tuotteen nimi** : PURE POWER 12 650W

be quiet! PURE POWER 12 650W. Kokonaisteho: 650 W, AC-syöttöjännite: 100 - 240 V, Huipputeho: 720 W. Emolevyn virtaliitin: 20+4 pin ATX, Emolevyn virtapiuhan pituus: 55 cm, SATA-virtakaapelin pituus: 500,650,800 mm. Tarkoitus: PC, Virransyöttöyksikön mitat: ATX, 80 PLUS certification: 80 PLUS Gold. Tuotteen väri: musta, Jäähdytyksen tyyppi: Aktiivinen, Tuulettimen halkaisija: 12 cm. Sisältää johdot: AC



Power		Performance	
Total power *	650 W	Purpose *	PC
Peak power	720 W	Power supply unit (PSU) form factor *	ATX
AC input voltage *	100 - 240 V	ATX version	3.1
AC input frequency	50/60 Hz	EPS version	2.92
Maximum input current (@110V)	10 A	Noise level	18.2 dB
Maximum input current (@220V)	5 A	Bearing technology	Rifle
Power factor	0.98	Mean time between failures (MTBF)	100000 h
Power Factor Correction (PFC) type	Active	<b>Design</b>	
Number of +12V rail(s)	1	Product colour	Black
Combined power (+3.3V)	120 W	Cooling type	Active
Combined power (+12V)	650 W	Fan diameter	12 cm
Combined power (+5V)	120 W	Number of fans	1 fan(s)
Combined power (-12V)	3.6 W	On/off switch	✓
Combined power (+5Vsb)	15 W	<b>Operational conditions</b>	
Max output current (+3.3V)	20 A	Operating temperature (T-T)	0 - 40 °C
Max output current (+12V1)	54.1 A	Storage temperature (T-T)	-20 - 70 °C
Max output current (+5V)	20 A	Operating relative humidity (H-H)	0 - 90%
Max output current (-12V)	0.3 A	Storage relative humidity (H-H)	0 - 95%
Max output current (+5Vsb)	3 A	<b>Packaging content</b>	
Hold time	16.86 ms	Cables included	AC
Efficiency	91%	Cable tie(s) included	✓
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Surge & inrush protection (SIP), Under voltage	<b>Certificates</b>	
<b>Ports &amp; interfaces</b>		Compliance certificates	CB, CE, Federal Communications Commission (FCC), RoHS, UKCA, WEEE, cTUVus
Motherboard power connector *	20+4 pin ATX	<b>Weight &amp; dimensions</b>	
Motherboard power cable length	55 cm	Width	86 mm
Number of SATA power connectors	5	Depth	160 mm
SATA power cable length	500,650,800 mm	Height	150 mm
Peripheral (Molex) power connectors (4-pin) *	1	Weight	2.4 kg
Peripheral (Molex) power cable length	800 mm	<b>Packaging data</b>	
PCI Express power connectors (6+2 pin)	2	Package width	133 mm

Ports & interfaces		Packaging data	
PCI Express power connectors (12-pin)	1	Package depth	320 mm
PCI Express power cable length	60 cm	Package height	210 mm
CPU P4 connector (4-pin)	1	Package weight	2.8 kg
CPU power connector (4+4 pin)	✓	Technical details	
CPU power cable length	60 cm	Sustainability certificates	ENERGY STAR, ErP, Triman
Cabling type	Non-Modular	Logistics data	
Performance		Shipping (inner) case length	42 cm
80 PLUS certification *	80 PLUS Gold	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)
		Other features	
		Screws included	✓



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