

## be quiet! Pure Power 12 M virtalähdeyksikkö 650 W 20+4 pin ATX ATX musta

**Tuotemerkki** : be quiet!

**Tuotekoodi**: BN342

**Tuotteen nimi** : Pure Power 12 M

be quiet! Pure Power 12 M. 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: 500,650,800,950 mm. Tarkoitus: PC, Virransyöttöyksikön mitat: ATX, 80 PLUS certification: 80 PLUS Gold. Tuotteen väri: musta, Jäähdytyksen tyyppi: Aktiivinen, Tuulettimen halkaisija: 12 cm. Sisältää johdot: PATA, PCIe, Peripheral (Molex), SATA



<b>Power</b>		<b>Ports &amp; interfaces</b>	
Total power *	650 W	PCI Express connector	✓
Peak power	720 W	Cabling type	Fully-Modular
AC input voltage *	100 - 240 V	<b>Performance</b>	
AC input frequency	50 - 60 Hz	80 PLUS certification *	80 PLUS Gold
Input current	10/5 A	Purpose *	PC
Power factor	0.98	Power supply unit (PSU) form factor *	ATX
Power Factor Correction (PFC) type	Active	ATX version	3.0
Combined power (+3.3V)	120 W	EPS version	2.92
Combined power (+12V)	650 W	Noise level	19.9 dB
Combined power (+5V)	120 W	Mean time between failures (MTBF)	100000 h
Combined power (-12V)	3.6 W	<b>Design</b>	
Combined power (+5Vsb)	15 W	Product colour	Black
Max output current (+3.3V)	20 A	Cooling type	Active
Max output current (+12V1)	32 A	Fan diameter	12 cm
Max output current (+12V2)	28 A	Number of fans	1 fan(s)
Max output current (+5V)	20 A	Fan location	Top
Max output current (-12V)	0.3 A	On/off switch	✓
Max output current (+5Vsb)	3 A	<b>Operational conditions</b>	
Efficiency	92.7%	Operating temperature (T-T)	0 - 40 °C
Power Good signal delay range	100 - 150 ms	<b>Packaging content</b>	
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit	Cables included	PATA, PCIe, Peripheral (Molex), SATA
<b>Ports &amp; interfaces</b>		<b>Weight &amp; dimensions</b>	
Motherboard power connector *	20+4 pin ATX	Width	160 mm
Motherboard power cable length	55 cm	Depth	150 mm
Number of SATA power connectors	5	Height	86 mm
Number of PATA power connectors	2	<b>Packaging data</b>	
SATA power cable length	500,650,800,950 mm	Package type	Box
Peripheral (Molex) power connectors (4-pin) *	1	<b>Technical details</b>	
Peripheral (Molex) power cable length	550 mm	Sustainability compliance	✓
EPS power connector (4+4 pin)	✓	Sustainability certificates	ENERGY STAR, ErP
PCI Express power connectors (6+2 pin)	2		
CPU P4 connector (4-pin)	1		

**Ports & interfaces**

ATX power connector (20+4 pin) ✓

**Technical details**Warranty period 10 year(s)  
Compliance certificates RoHS**Other features**Screws included ✓  
Number of screws 5  
Cable ties included ✓  
Noise level (silent mode, <30%) 8.1 dB  
Noise level (quiet mode, 50%) 9.1 dB  
Noise level (full-load mode, 100%) 19.9 dB



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