be quiet! Pure Power 12 M power supply unit 850 W 20+4 pin ATX ATX Zwart

Merk : be quiet!

Artikelcode: BN344

Productnaam : Pure Power 12 M

be quiet! Pure Power 12 M. Totaal vermogen: 850 W, AC-ingangsspanning: 100 - 240 V, Piekvermogen: 900 W. Motherboard power connector: 20+4 pin ATX, Lengte stroomkabel moederbord: 55 cm, Lengte SATA-stroomkabel: 500,600,650,800,950 mm. Bedoeld voor: PC, Vormfactor van de voeding (PSU): ATX, 80 PLUS certificatie: 80 PLUS Gold. Kleur van het product: Zwart, Type koeling: Actief, Ventilator diameter: 12 cm. Meegeleverde kabels: PATA, PCIe, Peripheral (Molex), SATA

Power

Total power *	850 W
Peak power	900 W
AC input voltage *	100 - 240 V
AC input frequency	50 - 60 Hz
Input current	12 / 6 A
Power factor	0.98
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	120 W
Combined power (+12V)	850 W
Combined power (+5V)	120 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	22 A
Max output current (+12V)	70.9 A
Max output current (+12V1)	40 A
Max output current (+12V2)	36 A
Max output current (+5V)	22 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Efficiency	93.2%
Power Good signal delay range	100 - 150 ms
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit

Ports & interfaces

Motherboard power connector *	20+4 pin ATX
Motherboard power cable length	55 cm
Number of SATA power connectors	6
Number of PATA power connectors	2
SATA power cable length	500,600,650,800,950 mm
Peripheral (Molex) power connectors (4-pin) *	1
Peripheral (Molex) power cable length	550 mm
EPS power connector (8-pin)	✔
EPS power connector (4+4 pin)	✔

Ports & interfaces

Cabling type	Fully-Modular

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	25.7 dB
Mean time between failures (MTBF)	100000 h

Design

Product colour	Black
Cooling type	Active
Fan diameter	12 cm
Number of fans	1 fan(s)
Fan location	Top
On/off switch	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Packaging content

Cables included	PATA, PCIe, Peripheral (Molex), SATA

Certificates

Compliance certificates	RoHS

Weight & dimensions

Width	160 mm
Depth	150 mm
Height	86 mm

Packaging data

Package type	Box

Technical details

Sustainability compliance	✔

Ports & interfaces

PCI Express power connectors (6+2 pin)	4
ATX power connector (20+4 pin)	✔
PCI Express connector	✔

Technical details

Sustainability certificates	ENERGY STAR, ErP

Logistics data

Warranty period	10 year(s)

Other features

Screws included	✔
Number of screws	5
Cable ties included	✔
Noise level (silent mode, <30%)	9.4 dB
Noise level (quiet mode, 50%)	9.5 dB
Noise level (full-load mode, 100%)	25.7 dB

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