

GERMANY'S NO. 1*
PSU MANUFACTURER

be quiet!



SYSTEM POWER B9

PROVEN RELIABILITY AND GOOD EFFICIENCY

600W • 450W • 350W • 300W

IDEAL APPLICATIONS

Office applications
Gaming systems
Low-budget and quiet PC builds

HIGHLIGHTS

80 PLUS® Bronze efficiency
DC-to-DC technology
Quiet operation

Proven Reliability and Good Efficiency

The be quiet! System Power B9 (bulk) series offers renowned be quiet! reliability and quietness for price-conscious PC builders.

Highlights »

- Production-optimized bulk packaging
- Rock-solid stability with two strong 12V-rails
- DC-to-DC technology for tight voltage regulation (600W and 450W)
- Up to two PCIe connectors for powerful GPUs
- Temperature-controlled 120mm fan reduces system noise
- Stand-by drain of less than 0.15 watts
- 80 PLUS® Bronze efficiency (up to 89%)
- Attractive black sleeved cables (600W)
- Complete suite of top safety features
- Meets latest Intel® C6/C7, ErP and Energy Star 6.1 guidelines
- Three-year manufacturer's warranty
- Product conception, design and quality control in Germany

System Power B9 »

Simply the best price-conscious choice for stability, performance and quietness.



*According to the yearly PC Games Hardware's „Manufacturer of the year“ election (2006-2019) and market data from GfK (2007-2020)

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Technical Data »

IN GENERAL	Model	600W	450W	350W	300W
	Article no.	BN209	BN208	BN207	BN206
	EAN code	4260052186015	4260052186008	4260052185995	4260052185988
	Voltage (Vac) / Frequency (Hz)	200-240 / 50	200-240 / 50	200-240 / 50	200-240 / 50
	Dimensions (L x W x H)	140 x 150 x 86	140 x 150 x 86	140 x 150 x 86	140 x 150 x 86
	ATX 12V 2.4 / EPS 12V 2.92	✓ / ✓	✓ / -	✓ / -	✓ / -
	High-quality fan (mm)	120	120	120	120
	Noise level (dB(A)) at 20 / 50 / 100% load	9.2 / 12.8 / 31.2	8.9 / 11 / 24	12.1 / 12.3 / 24.9	11.6 / 12.1 / 23.1
	12V-rails	2	2	2	2
	PFC	active	active	active	active
	Efficiency (%) at 230V	80PLUS® Bronze 230V EU internal / up to 89%	80PLUS® Bronze 230V EU internal / up to 89%	80PLUS® 230V EU internal / up to 87%	80PLUS® 230V EU internal / up to 87%
	Energy Star 6.1 compatible	✓	✓	✓	✓
	ErP ready / Power in stand-by (W)	✓ / 0.15	✓ / 0.15	✓ / 0.13	✓ / 0.13
	OCP, OVP, UVP, SCP, OPP, OTP	✓	✓	✓	✓
	Lifetime of PSU at 25°C (h)	100,000	100,000	100,000	100,000
	Black-coated PSU case	✓	-	-	-
CABLES	No. of cables	5	5	5	4
	Maximum cable length (cm)	95	95	85	85
	Length of ATX-connection cable (cm)	55	55	45	45
	Sleeved cables	✓	-	-	-
CONNECTORS	ATX motherboard (20+4-pin)	✓	✓	✓	✓
	PCI express (6+2-pin)	2	2	1	-
	P8-/P4-connector	1x P4+4	1x P4+4	1x P4+4	1x P4
	S-ATA	6	6	4	4
	P-ATA	2	2	2	2

Output Data »

SYSTEM POWER B9 600W	AC Input	200–240Vac 50Hz 6A					
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	24A	15A	28A	22A	0.3A	3A
				48A			
	Max. Com- bined Power	120W		576W			3.6W
600W							

SYSTEM POWER B9 350W	AC Input	200–240Vac 50Hz 3A					
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	19A	15A	20A	16A	0.3A	2.5A
				27A			
	Max. Com- bined Power	103W		324W		3.6W	12.5W
350W							

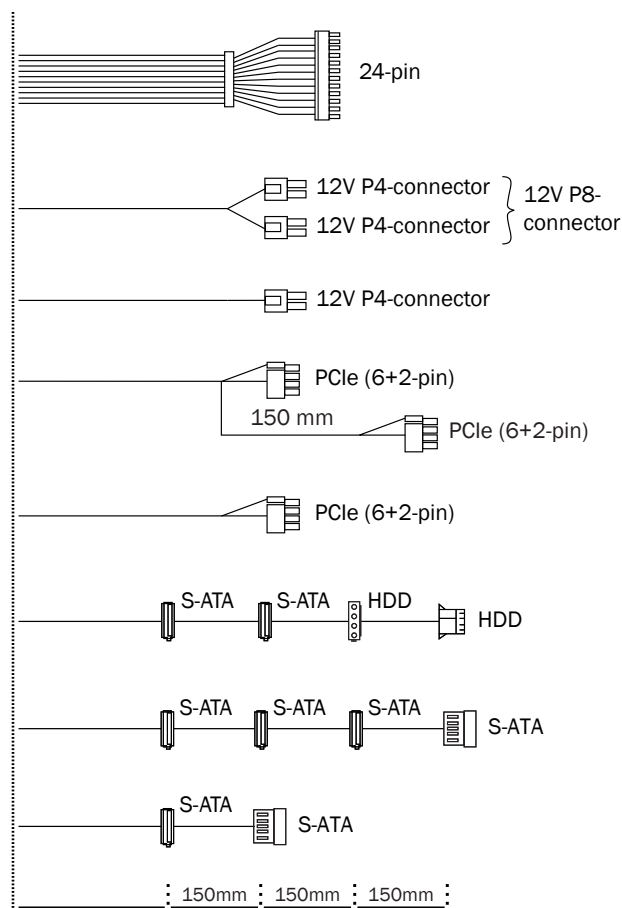
SYSTEM POWER B9 450W	AC Input	200–240Vac 50Hz 4A					
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	24A	15A	23A	19A	0.3A	3A
				35A			
	Max. Com- bined Power	110W		420W		3.6W	15W
450W							

SYSTEM POWER B9 300W	AC Input	200–240Vac 50Hz 2.5A					
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	17A	15A	18A	14A	0.3A	2.5A
				23A			
	Max. Com- bined Power	103W		276W		3.6W	12.5W
300W							

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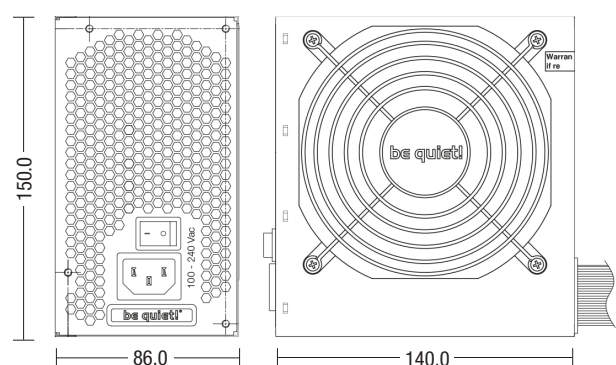
Cables »



Cable length to first connector

600W	450W	350W	300W
550mm	550mm	450mm	450mm
600mm	600mm	450mm	-
-	-	-	450mm
500mm	500mm	-	-
-	-	450mm	-
500mm	500mm	400mm	400mm
500mm	500mm	-	-
-	-	400mm	400mm

Dimensions (mm) »



Certifications »



Contact »

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