

GERMANY'S NO. 1*
PSU MANUFACTURER

be quiet!



SYSTEM POWER U9

PROVEN RELIABILITY AND GOOD EFFICIENCY

700W • 600W • 500W • 400W

IDEAL APPLICATIONS

Office applications
Entry-level gaming systems
Multimedia and home theater systems

HIGHLIGHTS

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

Proven Reliability and Good Efficiency

The be quiet! System Power U9 series offers renowned be quiet! reliability and quietness for price-conscious PC builders.

Highlights »

- Rock-solid stability with two strong 12V-rails
- DC-to-DC technology for tight voltage regulation
- Up to four PCIe connectors for powerful GPUs
- Temperature-controlled 120mm fan reduces system noise
- Stand-by drain of less than 0.1 watts
- 80 PLUS® Bronze efficiency (up to 89%)
- High-grade black cables
- Complete suite of top safety features
- Meets latest Intel® C6/C7, ErP and Energy Star 6.1 guidelines
- Supports latest Intel® and AMD™ processors
- Product conception, design and quality control in Germany



*According to the yearly PC Games Hardware's „Manufacturer of the year“ election (2006-2020) and market data from GfK (2007-2021)

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Technical Data »					
IN GENERAL	Model	700W	600W	500W	400W
	Voltage (Vac) / Frequency (Hz)	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60	100-240 / 50-60
	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	13.2 / 14 / 31.2	13.2 / 13.9 / 29.6	13.3 / 13.9 / 23.1	13.7 / 14.6 / 19.6
	12V-rails	2	2	2	2
	PFC	active	active	active	active
	Efficiency (%) at 230V	80 PLUS® Bronze / up to 89%	80 PLUS® Bronze / up to 89%	80 PLUS® Bronze / up to 89%	80 PLUS® Bronze / up to 89%
	Energy Star 6.1 compatible	✓	✓	✓	✓
	ErP ready / Power in stand-by (W)	✓ / 0.1	✓ / 0.1	✓ / 0.1	✓ / 0.1
	OCP, OVP, UVP, SCP, OPP, OTP	✓	✓	✓	✓
	Lifetime of PSU at 25°C (h)	100,000	100,000	100,000	100,000
CABLES	No. of cables	6	6	6	5
	Maximum cable length (cm)	91	91	91	91
	Length of ATX-connection cable (cm)	55	55	55	45
	Power cord	✓	✓	✓	✓
	Flat cables	Drives, PCIe, P4+4	Drives, PCIe, P4+4	Drives, PCIe, P4+4	Drives, PCIe, P4+4
	Sleeved cables	24-pin	24-pin	24-pin	24-pin
CONNECTORS	ATX motherboard (20+4-pin)	✓	✓	✓	✓
	PCI express (6+2-pin)	4	4	2	2
	P8-/P4-connector	1x P4+4	1x P4+4	1x P4+4	1x P4+4
	S-ATA	6	6	6	5
	P-ATA	2	2	2	2

Output Data »

SYSTEM POWER U9 700W	AC Input	100–240Vac		60/50Hz		12A/6A	
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	24A	18A	33A	25A	0.3A	3A
				56A			
	Max. Com- bined Power	130W		672W		3.6W	15W
700W							

SYSTEM POWER U9 500W	AC Input	100–240Vac		60/50Hz		8A/4A	
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	24A	16A	24A	20A	0.3A	3A
				40A			
	Max. Com- bined Power	110W		480W		3.6W	15W
500W							

SYSTEM POWER U9 600W	AC Input	100–240Vac		60/50Hz		12A/6A	
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	24A	18A	28A	22A	0.3A	3A
				48A			
	Max. Com- bined Power	120W		576W		3.6W	15W
600W							

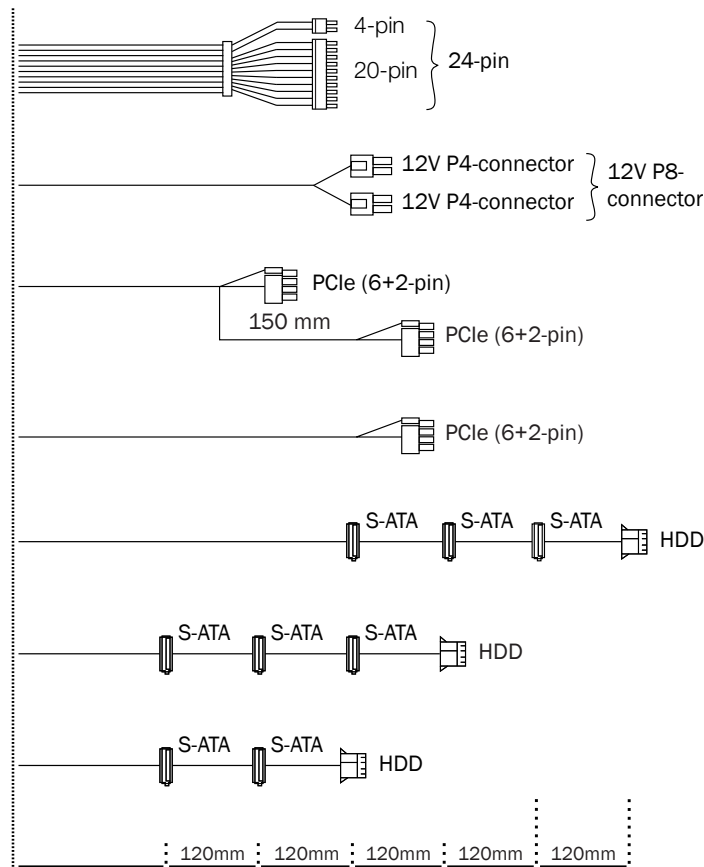
SYSTEM POWER U9 400W	AC Input	100–240Vac		60/50Hz		8A/4A	
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	24A	15A	22A	18A	0.3A	3A
				32A			
	Max. Com- bined Power	103W		384W		3.6W	15W
400W							

System Power U9	Logistics Data	Europe	North America	Australia	Taiwan	China	Japan
400W	Article no	BN286	BN606	BN828	BN832	BN896	BN860
	EAN code	4260052186206	4260052186084	4260052186121	4260052186169	4260052186503	4260052186466
500W	Article no	BN287	BN607	BN829	BN833	BN897	BN861
	EAN code	4260052186213	4260052186091	4260052186138	4260052186176	4260052186510	4260052186473
600W	Article no	BN288	BN608	BN830	BN838	BN898	BN865
	EAN code	4260052186220	4260052186107	4260052186145	4260052186183	4260052186527	4260052186480
700W	Article no	BN289	BN609	BN831	BN839	BN899	BN866
	EAN code	4260052186237	4260052186114	4260052186152	4260052186190	4260052186534	4260052186497

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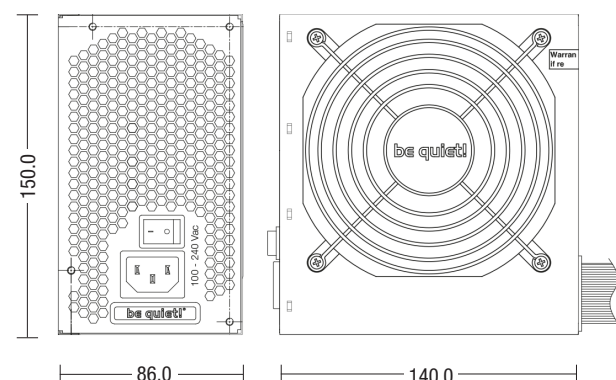
Cables »



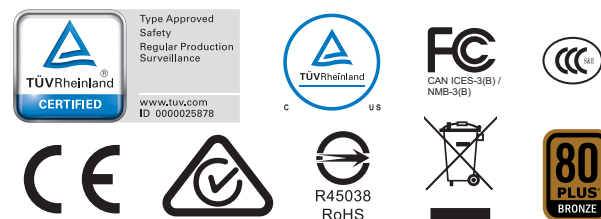
Cable length to first connector

700W	600W	500W	400W
550mm	550mm	550mm	450mm
600mm	600mm	600mm	600mm
500mm 2x	500mm 2x	-	500mm
-	-	500mm 2x	-
550mm	550mm	550mm	550mm
350mm	350mm	350mm	-
-	-	-	350mm

Dimensions (mm) »



Certifications »



Contact »

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