



SYSTEM POWER 10 U

PROVEN RELIABILITY, QUIET OPERATION

850W • 750W • 650W • 550W

IDEAL APPLICATIONS

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

HIGHLIGHTS

80 PLUS[®] Gold and Bronze efficiency
850W model with LLC + SR + DC-to-DC
Quiet operation
5-year manufacturer's warranty

Proven Reliability, Quiet Operation

System Power 10 U is the PSU of choice for price-conscious PC builders that do not want to dispense on reliability and quietness.

Highlights

- Rock-solid stability with up to 2 strong 12V-rails
- DC-to-DC technology for tight voltage regulation
- Up to 4 PCIe connectors for powerful GPUs
- Silence-optimized and temperature-controlled 120mm quality fan reduces system noise
- Stand-by drain of less than 0.15 watts
- 80 PLUS[®] Gold and Bronze efficiency (up to 93.3%)
- Attractive black sleeved cable
- Complete suite of top safety features
- 5-year manufacturer's warranty
- Product conception, design and quality control in Germany



SYSTEM POWER 10 U

PROVEN RELIABILITY, QUIET OPERATION

Technical Data					
IN GENERAL	Model	850W	750W	650W	550W
	Article no.	BN989	BN988	BN987	BN986
	EAN code	4260052189146	4260052189139	4260052189122	4260052189115
	Voltage (Vac) / Frequency (Hz)	100-240 / 50			
	Dimensions (L x W x H)	160 x 150 x 86	140 x 150 x 86		
	ATX12V 2.52 / EPS12V 2.92	✓ / ✓			
	Fan type fan size (mm)	silence-optimized be quiet! fan 120	temperature-controlled quality fan 120		
	Noise level (dB(A)) at 20 / 50 / 100% load	9.8 / 10.0 / 32.8	8.8 / 14.4 / 34.8	8.4 / 11.3 / 30.9	8.2 / 9.3 / 25.7
	12V rail (Multi-Rail) / 12V Single Rail	2 / -	- / 1		
	Overclocking Key / Jumper	- / -			
	Power Good signal	100-150ms			
	PFC	active			
	Certifications / Efficiency (%) at 230V	80 PLUS® Gold / 93.3%	80 PLUS® Bronze / 89.2%	80 PLUS® Bronze / 88.9%	80 PLUS® Bronze / 89.1%
	Energy Star 8.0 compatible	✓			
	ErP 2014 ready / Power in stand-by (W)	✓ / <0.15			
	OCP, OVP, UVP, SCP, OPP, OTP	✓			
Lifetime of PSU at 25°C (h)	>100,000				
CABLES	No. of cables	7			6
	Maximum cable length (cm)	81		79	
	Length of ATX-connection cable (cm)	55			
	Modular cable management	-			
	Sleeved cables	20+4-Pin			
	Flat cables	P4+4, P8, PCIe, drives		P4+4, P4, PCIe, drives	
CONNECTORS	ATX-motherboard (20+4-pin)	✓			
	PCI-express (6+2-pin)	4		2	
	P8/P4 connector	1x P4+4, 1x P8		1x P4+4, 1x P4	
	S-ATA	6		5	
	P-ATA	1			
	Easy-plug HDD connectors	-			
	FDD (Floppy)	-			

Output Data

SYSTEM POWER 10 850W	AC Input	200-240Vac 50Hz 5A					
	DC Output	3.3V	5V	12V1	12V2	-12V	5VSB
	Max. Current	22A	22A	40A	36A	0.3A	3A
	Max. Com- bined Power	120W		849.6W		3.6W 15W	
		850W					

SYSTEM POWER 10 750W	AC Input	200-240Vac 50Hz 5A					
	DC Output	3.3V	5V	12V		-12V	5VSB
	Max. Current	20A	20A	62.5A		0.3A	3A
	Max. Com- bined Power	130W		750W		3.6W 15W	
		750W					

SYSTEM POWER 10 650W	AC Input	200-240Vac 50Hz 5A					
	DC Output	3.3V	5V	12V		-12V	5VSB
	Max. Current	20A	20A	54.17A		0.3A	3A
	Max. Com- bined Power	120W		650W		3.6W 15W	
		650W					

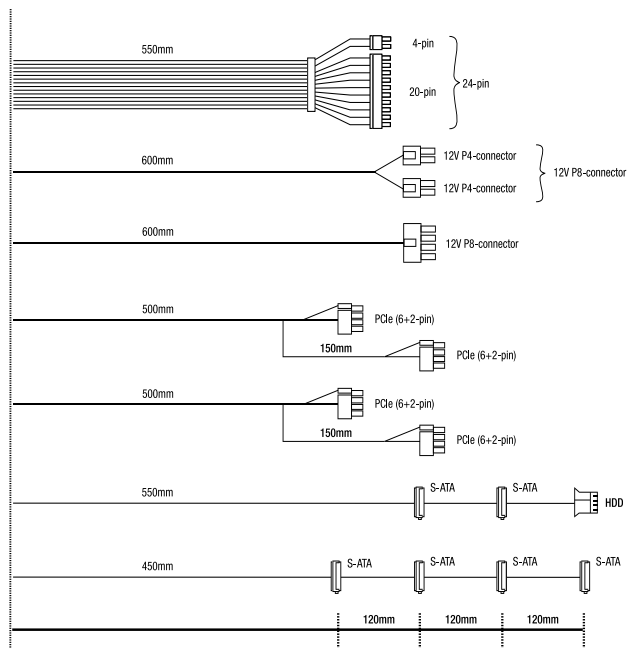
SYSTEM POWER 10 550W	AC Input	200-240Vac 50Hz 4A					
	DC Output	3.3V	5V	12V		-12V	5VSB
	Max. Current	20A	20A	45.83A		0.3A	3A
	Max. Com- bined Power	120W		550W		3.6W 15W	
		550W					

SYSTEM POWER 10 U

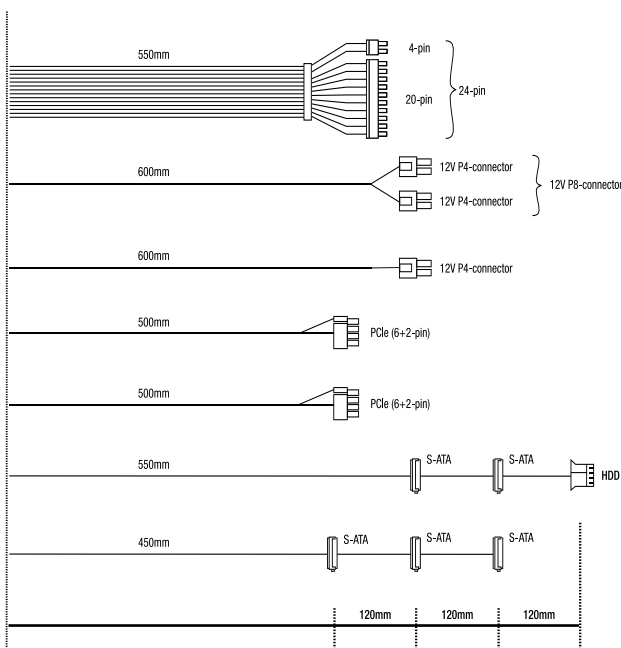
PROVEN RELIABILITY, QUIET OPERATION

Cables

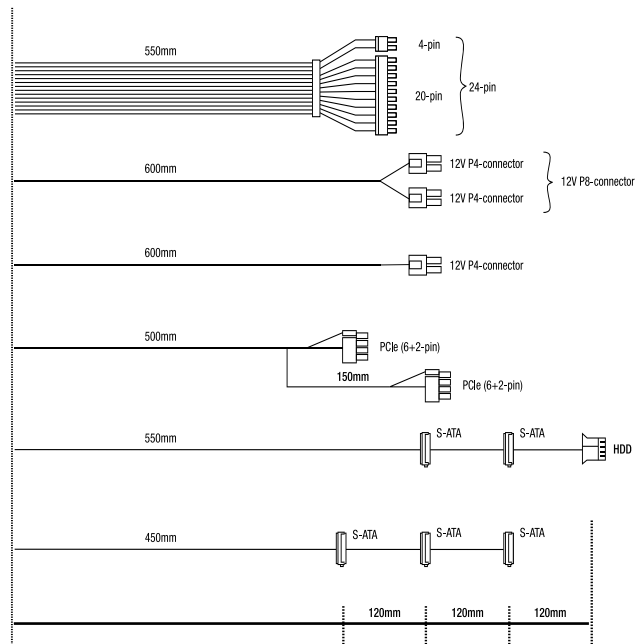
850W
750W



650W














550W



SYSTEM POWER 10 U

PROVEN RELIABILITY, QUIET OPERATION

Logistics data			
Region	Model	Article no.	EAN code
EU	System Power 10 U 850W	BN989	4260052189146
EU	System Power 10 U 750W	BN988	4260052189139
EU	System Power 10 U 650W	BN987	4260052189122
EU	System Power 10 U 550W	BN986	4260052189115
US	System Power 10 U 850W	BN690	4260052189184
US	System Power 10 U 750W	BN689	4260052189177
US	System Power 10 U 650W	BN688	4260052189160
US	System Power 10 U 550W	BN687	4260052189153
TW	System Power 10 U 850W	BN997	4260052189306
TW	System Power 10 U 750W	BN996	4260052189290
TW	System Power 10 U 650W	BN995	4260052189283
TW	System Power 10 U 550W	BN994	4260052189276
AU	System Power 10 U 850W	BN993	4260052189269
AU	System Power 10 U 750W	BN992	4260052189252
AU	System Power 10 U 650W	BN991	4260052189245
AU	System Power 10 U 550W	BN990	4260052189238
AR	System Power 10 U 850W	BN694	4260052189221
AR	System Power 10 U 750W	BN693	4260052189214
AR	System Power 10 U 650W	BN692	4260052189207
AR	System Power 10 U 550W	BN691	4260052189191

Certifications			
 Type Approved Safety Regular Production Surveillance www.tuv.com ID 000025878			
 www.tuv.com ID 000025878			 R45038 RoHS
			

Contact	
be quiet! Headquarters Listan GmbH Wilhelm-Bergner-Straße 11c 21509 Glinde Germany	Service hotline: +49 40 7367 686 44 e-mail: service@bequiet.com Visit the contact section on bequiet.com for the right regional service information.