

GERMANY'S NO. 1*
PSU MANUFACTURER

be quiet!®



DARK POWER 12

NO COMPROMISE SILENCE AND PERFORMANCE

1000W · 850W · 750W

IDEAL APPLICATIONS

Advanced, high-resolution gaming
Overclocked systems
Media creation and workstations

HIGHLIGHTS

Highest efficiency available (80 PLUS® Titanium)
Frameless Silent Wings fan for virtually inaudible operation
Overclocking key for maximum performance
Active rectifier and full bridge topology for extremely high efficiency and regulation

No Compromise Silence And Performance

The be quiet! Dark Power 12 offers 80 PLUS® Titanium efficiency and a virtually inaudible frameless fan concept for flawless cooling.

Highlights »

- 80 PLUS Titanium efficiency (up to 95.9%)
- Patented frameless Silent Wings fan for virtually inaudible operation
- Revolutionary full mesh PSU front with redesigned funnel shape air inlet upholds the high air circulation abilities
- Overclocking key switches between four 12V rails and one massive 12V rail
- Modular cable management for highest convenience
- Active Rectifier + full bridge LLC technology provides unmatched signal stability and extremely high power efficiency
- Up to eight PCI express connectors for overclocked high-end GPUs
- Wire-free design inside the PSU for enhanced cooling and longevity
- Japanese 105°C capacitors ensure highest stability and reliability
- Ten-year manufacturer's warranty
- 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).

DARK POWER 12

NO COMPROMISE SILENCE AND PERFORMANCE

Technical Data »				
IN GENERAL	Model	1000W	850W	750W
	Article no.	BN316	BN315	BN314
	EAN Code	4260052188026	4260052188019	4260052188002
	Voltage (Vac) / Frequency (Hz)	100 - 240 / 50 - 60	100 - 240 / 50 - 60	100 - 240 / 50 - 60
	Dimensions (L x W x H)	175 x 150 x 86	175 x 150 x 86	175 x 150 x 86
	ATX 12V 2.51 / EPS 12V 2.92	✓ / ✓	✓ / ✓	✓ / ✓
	Wire-free (DC-side)	✓	✓	✓
	Silent Wings fan (mm)	135	135	135
	Noise level (dB(A)) at 20 / 50 / 100% load	9 / 9.7 / 25.8	9.3 / 9.7 / 20	8.3 / 8.4 / 19.6
	12V rail (Multi-Rail) / 12V Single Rail	4 / ✓	4 / ✓	4 / ✓
	Overclocking Key / Jumper	✓ / ✓	✓ / ✓	✓ / ✓
	Power Good signal	100-150ms	100-150ms	100-150ms
	PFC	active	active	active
	Certification / Efficiency (%) at 230V	80 PLUS® Titanium / 95.8%	80 PLUS® Titanium / 95.6%	80 PLUS® Titanium / 95.9%
	Energy Star 7.0 compatible	✓	✓	✓
	ErP ready / Power in stand-by (W)	✓ / <0.06	✓ / <0.06	✓ / <0.06
	OCP, OVP, UVP, SCP, OPP, OTP	✓	✓	✓
Lifetime of PSU at 25°C (h)	200,000	200,000	200,000	
CABLES	No. of cables	14	13	13
	Maximum cable length (cm)	120	120	120
	Length of ATX-connection cable (cm)	60	60	60
	Cable management	Modular	Modular	Modular
	Sleeved cables	✓	✓	✓
CONNECTORS	ATX motherboard (20+4-pin)	✓	✓	✓
	PCI express (6+2-pin)	8	6	6
	P8-/P4-connector	1x P4+4 / 1x P8	1x P4+4 / 1x P8	1x P4+4 / 1x P8
	S-ATA	13	12	12
	P-ATA	5	5	5

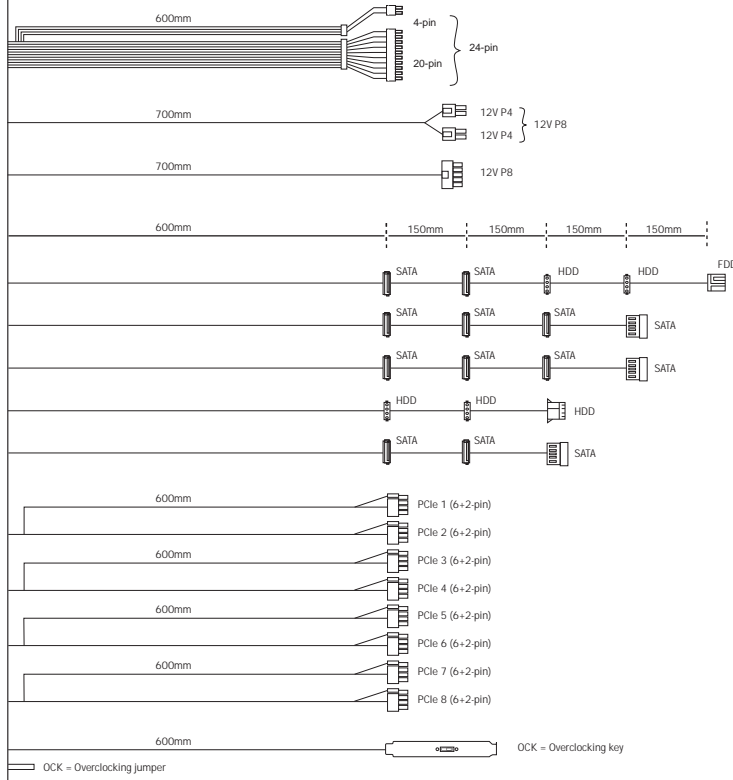
Output Data »									
AC Input		100-240Vac 50-60Hz 14-8A							
DC Output		3.3V	5V	12V1	12V2	12V3	12V4	-12V	5VsB
1000W	Max. Current	25A	25A	32A	32A	40A	40A	0.5A	3A
	Max. Combined Power	125W		83A				6W	15W
		1000W							
AC Input		100-240Vac 50-60Hz 10-5A							
DC Output		3.3V	5V	12V1	12V2	12V3	12V4	-12V	5VsB
850W	Max. Current	24A	24A	30A	30A	35A	35A	0.5A	3A
	Max. Combined Power	120W		70A				6W	15W
		850W							
AC Input		100-240Vac 50-60Hz 9-4.5A							
DC Output		3.3V	5V	12V1	12V2	12V3	12V4	-12V	5VsB
750W	Max. Current	22A	22A	25A	25A	30A	30A	0.5A	3A
	Max. Combined Power	110W		62A				6W	15W
		750W							

DARK POWER 12

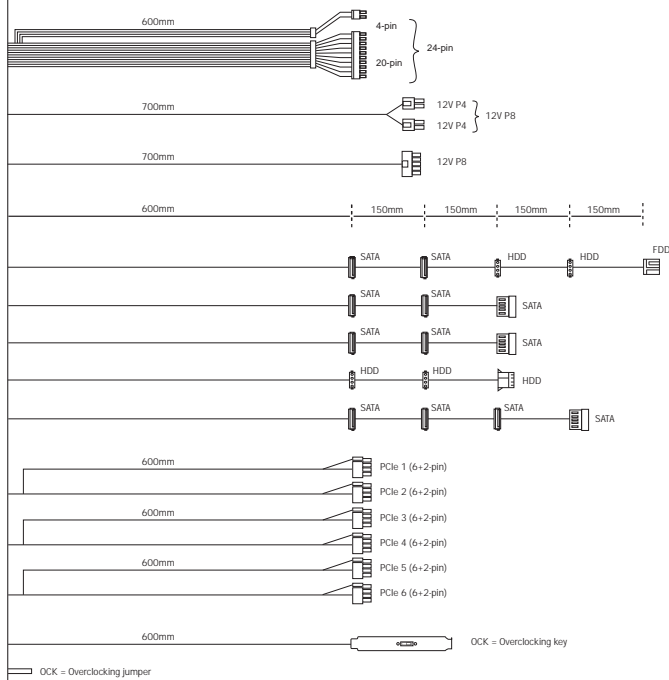
NO COMPROMISE SILENCE AND PERFORMANCE

Cables »

1000W



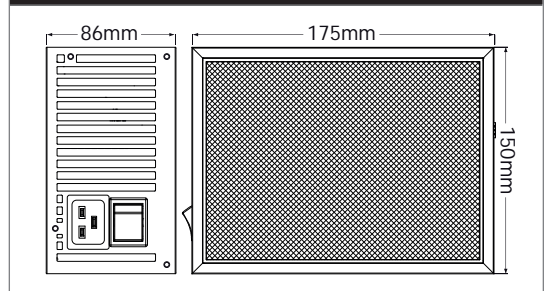
750W-850W



Logistics data »

Region	Model	Article no	EAN code
EU	Dark Power 12 1000W	BN316	4260052188026
EU	Dark Power 12 850W	BN315	4260052188019
EU	Dark Power 12 750W	BN314	4260052188002
AU	Dark Power 12 1000W	BN949	4260052188088
AU	Dark Power 12 850W	BN948	4260052188071
AU	Dark Power 12 750W	BN947	4260052188064
US	Dark Power 12 1000W	BN658	4260052188057
US	Dark Power 12 850W	BN657	4260052188040
US	Dark Power 12 750W	BN656	4260052188033
TW	Dark Power 12 1000W	BN952	4260052188118
TW	Dark Power 12 850W	BN951	4260052188101
TW	Dark Power 12 750W	BN950	4260052188095
CN	Dark Power 12 850W	BN954	4260052188132
CN	Dark Power 12 750W	BN953	4260052188125

Dimensions »



Certifications »

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.