



DARK POWER PRO 13

CUTTING EDGE TECHNOLOGIES AND PERFORMANCE

1600W • 1300W

IDEAL APPLICATIONS

Advanced, high-resolution gaming with latest graphics cards
Overclocked next-gen systems
Media creation and render workstations
Multi-GPU setups

HIGHLIGHTS

Highest efficiency available (80 PLUS® Titanium)
Fulfills all ATX 3.1 specifications
Full compatibility with both PCIe 5.1 and PCIe 6+2 GPUs
Fully digital control and full-bridge for best possible efficiency and regulation

Cutting Edge Technologies And Performance

The be quiet! Dark Power Pro 13 offers 80 PLUS® Titanium efficiency, world -class performance and ATX 3.1 compliance for next-gen GPU compatibility.

Highlights

- 80 PLUS Titanium efficiency (up to 94.5%)
- ATX 3.1 PSU with full support for PCIe 5.1 GPUs and GPUs with 6+2 pin connector
- Handles massive power excursions
- Fully digital control and full bridge LLC technology for unmatched signal stability
- Improved and patented frameless Silent Wings fan for virtually inaudible operation at ordinary loads
- Full mesh PSU front with funnel-shaped air inlet
- Overclocking key switches between six 12V rails and one massive 12V rail
- Japanese 105°C capacitors ensure highest stability and reliability
- 2 PCIe 5.1 12V-2x6 600W and 6 PCIe 6+2 connectors for overclocked high-end GPUs
- Aluminum case and modular individually sleeved cables for magnificent appearance
- 10-year manufacturer's warranty

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CUTTING EDGE TECHNOLOGIES AND PERFORMANCE

Technical Data					
IN GENERAL	Model	1600W		1300W	
	Article no.	BN332		BN331	
	EAN Code	4260052189375		4260052189368	
	Voltage (Vac) / Frequency (Hz)	115 - 240 / 50 - 60			
	Dimensions (L x W x H) (mm)	200 x 150 x 86			
	ATX 12V 3.1 / EPS 12V 2.92	✓ / ✓		- / ✓	
	Wire-free (DC-side)	✓			
	Silent Wings fan (mm)	135			
	Noise level (dB(A)) at 10 / 20 / 50 / 100% load	9.5 / 9.6 / 9.8 / 31.1		10.2 / 10.2 / 10.2 / 23.2	
	12V rail (Multi-Rail) / 12V Single Rail	6 / ✓			
	Overclocking Key / Jumper	✓ / ✓			
	Power Good signal (ms)	100-150			
	PFC	active			
	Certification	80 PLUS® Titanium			
	Efficiency (%) at 230V, 2% / 10% / 20 % / 50% / 100% load	73.7 / 92.6 / 94.2 / 94.5 / 92.2		73.1 / 91.6 / 93.6 / 94.4 / 92.8	
	Energy Star 8.0 compatible	✓			
	ErP ready / Power in stand-by (W)	✓ / <0.06			
	OCP, OVP, UVP, SCP, OPP, OTP, SIP	✓			
	Lifetime of PSU at 25°C (h)	>100,000			
CABLES	No. of cables	16			
	Maximum cable length (cm)	105			
	Length of ATX-connection cable (cm)	60			
	Cable management	Modular			
	Sleeved cables	✓			
CONNECTORS	ATX motherboard (20+4 pin)	✓			
	12V-2x6 cable I W	2 600			
	12V-2x6 combined power	1000W		800W	
	PCI express (6+2 pin)	6			
	P8-/P4-connector	1x P4+4 / 1x P8			
	S-ATA	16			
	P-ATA	5			

Output Data											
AC Input		115 - 240Vac 50 - 60Hz 15 - 9A									
DC Output		3.3V	5V	12V1	12V2	12V3	12V4	12V5	12V6	-12V	5VsB
1600W	Max. Current	25A	25A	40A	40A	45A	45A	55A	55A	0.5A	3.5A
	Max. Combined Power	150W		1600W						6W	17.5W
		1600W									

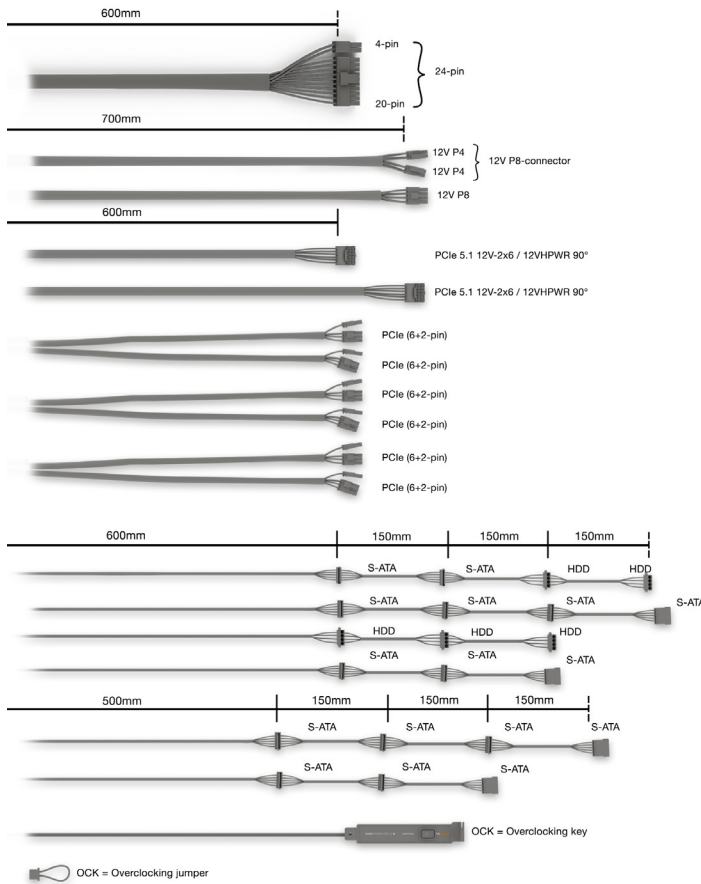
AC Input		115 - 240Vac 50 - 60Hz 15 - 9A									
DC Output		3.3V	5V	12V1	12V2	12V3	12V4	12V5	12V6	-12V	5VsB
1300W	Max. Current	25A	25A	35A	35A	40A	40A	55A	55A	0.5A	3.5A
	Max. Combined Power	150W		1300W						6W	17.5W
		1300W									

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Cables

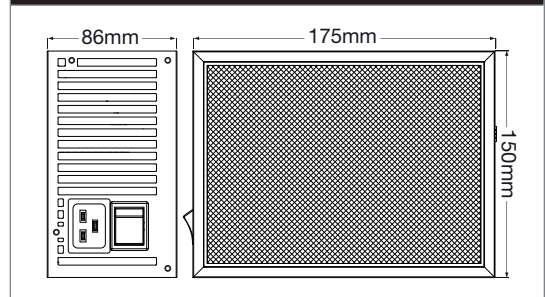
1600W-1300W



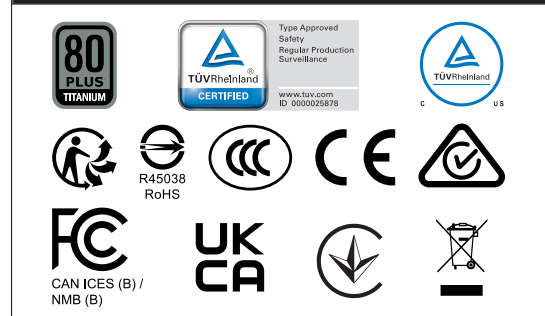
Logistics data

Region	Model	Article no	EAN code
EU	Dark Power Pro 13 1600W	BN332	4260052189375
EU	Dark Power Pro 13 1300W	BN331	4260052189368
AU	Dark Power Pro 13 1600W	BN712	4260052190067
AU	Dark Power Pro 13 1300W	BN711	4260052190050
US	Dark Power Pro 13 1600W	BN501	4260052190043
US	Dark Power Pro 13 1300W	BN500	4260052190036
TW	Dark Power Pro 13 1600W	BN940	4260052190081
TW	Dark Power Pro 13 1300W	BN939	4260052190074
CN	Dark Power Pro 13 1600W	BN999	4260052190135
CN	Dark Power Pro 13 1300W	BN998	4260052190128
JP	Dark Power Pro 13 1300W	BN750	4260052190524
KR	Dark Power Pro 13 1600W	BN942	4260052190111
KR	Dark Power Pro 13 1300W	BN941	4260052190104

Dimensions



Certifications



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