



Be Quiet! Dark Power PRO 12 1200W

Power supply (internal) - ATX12V 2.51/ EPS12V 2.92 - 80 PLUS Platinum - AC 100-240 V - 1200 Watt - active PFC - Europe - black

Group	Power Supply
Manufacturer	Be Quiet!
Manufacturer item no.	BN311
EAN/UPC	4260052187425

Description

The be quiet! offers superior efficiency and world-class performance due to fully digital control and frameless fan concept.

Main features

Product Description	be quiet! Dark Power PRO 12 1200W - power supply - 1200 Watt
Device Type	Power supply - active Power Factor Correction (PFC) - internal
Specification Compliance	ATX12V 2.51/ EPS12V 2.92
80 PLUS Certification	80 PLUS Platinum
Weight	2.41 kg
Localisation	Europe
Input Voltage	AC 100-240 V
Output Voltage	+3.3, +5, $\pm$ 12 V
Power Capacity	1200 Watt
Output connectors	1 x power 24 pin ATX with detachable 4 pin section 1 x power 8 pin EPS12V 1 x power 8 pin +12V with detachable 4 pin section 10 x 8 pin PCI Express power with detachable 2 pin section 8 x 4 PIN internal power 16 x 15 pin Serial ATA power 2 x 4 PIN mini-power connector
Modular Cable Management	Yes
Cooling System	135 mm fan
Included Accessories	Screws, cable ties, cable bag, thumbscrews, overclock slot bracket with switch, overclock jumper
Colour	Black
Dimensions (WxDxH)	15 cm x 20 cm x 8.6 cm
Environmental Standards	ENERGY STAR

Extended details

General

Device Type	Power supply - active Power Factor Correction (PFC) - internal
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Specification Compliance	ATX12V 2.51/ EPS12V 2.92
PSU Form Factor	ATX
Colour	Black
Localisation	Europe
Power Device	
Input Voltage	AC 100-240 V
Frequency Required	50 - 60 Hz
Power Output Connectors Details	1 x power 24 pin ATX with detachable 4 pin section 1 x power 8 pin EPS12V 1 x power 8 pin +12V with detachable 4 pin section 10 x 8 pin PCI Express power with detachable 2 pin section 8 x 4 PIN internal power 16 x 15 pin Serial ATA power 2 x 4 PIN mini-power connector
Output Voltage	+3.3, +5, ±12 V
Power Capacity	1200 Watt
Output Current	+3.3V - 25 A +5V - 25 A +12V1 - 35 A +12V2 - 35 A +12V3 - 35 A +12V4 - 35 A +12V5 - 40 A +12V6 - 40 A -12V - 0.5 A +5VSB - 3.5 A
Efficiency	93% at 100% Load (230 VAC), 93.9% at 20% Load (230 VAC), 94.7% at 50% Load (230 VAC)
Power Factor (PF)	0.99
Modular Cable Management	Yes
80 PLUS Certification	80 PLUS Platinum
Miscellaneous	
Included Accessories	Screws, cable ties, cable bag, thumbscrews, overclock slot bracket with switch, overclock jumper
MTBF	300,000 hours
Cooling System	135 mm fan
Features	Overheat protection, over current protection, over voltage protection, overpower protection, undervoltage protection, short-circuit protection, Multi-GPU Technologies Supported, switchable single/six 12V rails, DC-DC technology, overclock mode, Full Bridge topology, fluid dynamic bearing cooling fan, Synchronous Rectifier (SR) technology, fully modular, LLC resonant converter technology
Compliant Standards	TUV, BSMI, CB, CCC, FCC, RoHS, WEEE, cTUVus, ERP, RCM, CU
Environmental Standards	
ENERGY STAR	Yes
Manufacturer Warranty	
Service & Support	Limited warranty - 10 years
Environmental Parameters	
Max Operating Temperature	50 °C
Sound Emission	11.2 dBA
Dimensions & Weight	
Width	15 cm
Depth	20 cm
Height	8.6 cm
Weight	2.41 kg
Dimensions & Weight (Shipping)	
Shipping Width	25.3 cm



Shipping Depth	41.7 cm
Shipping Height	15.2 cm
Shipping Weight	6.8 kg

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