DEVELOPED IN GERMANY

be quiet!®



PURE POWER 13 M

1200W • 1000W • 850W • 750W • 650W • 550W

IDEAL APPLICATIONS

Gaming systems with latest graphic cards
Silent PC builds
Office applications
Home theater systems

HIGHLIGHTS

80 PLUS® Gold efficiency
Fulfills all ATX 3.1 specifications
Semi-passive PSU with silent be quiet! fan for exceptionally quiet operation
Modular cables

Exceptional Quiet, Superior Features

Pure Power 13 M is ATX 3.1 compliant and PCIe 5.1 compatible, offers 80 PLUS® Gold efficiency and a silence-optimized 120mm be quiet! fan.

Highlights

- 80 PLUS® Gold efficiency (up to 93.5%)
- ATX 3.1 PSU with full support for PCIe 5.1 GPUs and GPUs with 6+2 pin connectors
- Handles massive power excursions
- Exceptionally silent semi-passive 120mm be quiet! fan
- Semi-passive construction for quiet and energy-saving operation
- LLC technology for advanced stability and voltage regulation
- One massive high-performance 12V-rail
- One PCIe 5.1 12V-2x6 with up to 600W and up to 4 PCIe 6+2 connectors for overclocked high-end GPUs
- Full suite of safety features
- Meets latest requirements for modern standby
- 10-year manufacturer's warranty

80 PLUS GOLD

CYBENETICS GOLD

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PURE POWER 13 M

Technical Data					
IN GENERAL	Model	1200W	1000W	850W	750W
	Article no.	BP029EU	BP028EU	BP027EU	BP026EU
	EAN code	4260052193655	4260052192207	4260052192191	4260052192184
	Voltage (Vac) / Frequency (Hz)	110-240 / 50-60	100-240 / 50-60		
	Dimensions (L x W x H, mm)	160 x 150 x 86			
	ATX12V 3.1 / EPS 12V 2.92	✔ / ✔			
	Fan type | fan size (mm)	temperature-controlled quality fan | 120			
	Noise level (dB(A)) at 20 / 50 / 100% load	9.8 / 11.6 / 32.3	8.2 / 8.6 / 19.5	7.6 / 8.3 / 17.6	7.2 / 8.5 / 16.5
	12V rail (Multi-Rail) / 12V Single Rail	- / 1			
	Overclocking Key / Jumper	- / -			
	Power Good signal (ms)	100-150			
	PFC	active			
	Certifications / Efficiency (%) at 230V	80 PLUS® Gold / 93.5	80 PLUS® Gold / 94.4		80 PLUS® Gold / 94.3
	Energy Star 9.0 / 8.0 compatible	✔ / ✔	- / ✔		
	ErP 2014 ready / Power in stand-by (W)	✔ / <0.1			
	OCP, OVP, UVP, SCP, OPP, OTP	✔			
	Lifetime of PSU at 25 °C (h)	>100,000			
CABLES	No. of cables	8			
	Maximum cable length (cm)	95			
	Length of ATX-connection cable (cm)	55			
	Modular cable management	-			
	Sleeved cables	20+4Pin, PCIe 5.1 (12V-2x6 / 12VHPWR)			
	Flat cables	P4+4, P8, PCIe, drives			
CONNECTORS	ATX-motherboard (20+4-pin)	✔			
	PCI-express (6+2-pin)	4			
	P8/P4 connector	1 x P4+4, 1 x P8			
	S-ATA	6			
	P-ATA	2			
	Easy-plug HDD connectors	-			
	FDD (Floppy)	-			

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PURE POWER 13 M

Technical Data			
IN GENERAL	Model	650W	550W
	Article no.	BP025EU	BP024EU
	EAN code	4260052192177	4260052192160
	Voltage (Vac) / Frequency (Hz)	100-240 / 50-60	
	Dimensions (L x W x H, mm)	160 x 150 x 86	
	ATX12V 3.1 / EPS 12V 2.92	✔ / ✔	
	Fan type I fan size (mm)	temperature-controlled quality fan I 120	
	Noise level (dB(A)) at 20 / 50 / 100% load	7.3 / 8.4 / 15.9	7.5 / 8.6 / 14
	12V rail (Multi-Rail) / 12V Single Rail	- / 1	
	Overclocking Key / Jumper	- / -	
	Power Good signal (ms)	100-150	
	PFC	active	
	Certifications / Efficiency (%) at 230V	80 PLUS® Gold / 94.2	80 PLUS® Gold / 93.8
	Energy Star 8.0 compatible	✔	
	ErP 2014 ready / Power in stand-by (W)	✔ / <0.1	
	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)	95	
	Length of ATX-connection cable (cm)	55	
	Modular cable management	-	
	Sleeved cables	20+4Pin, PCIe 5.1 (12V-2x6 / 12VHPWR)	
	Flat cables	P4+4, P4, PCIe, drives	
CONNECTORS	ATX-motherboard (20+4-pin)	✔	
	PCI-express (6+2-pin)	2	
	P8/P4 connector	1 x P4+4, 1 x P4	1 x P4+4
	S-ATA	5	
	P-ATA	2	
	Easy-plug HDD connectors	-	
	FDD (Floppy)	-	

Output Data

PURE POWER 13 M 1200W						
AC Input	110-240Vac 50-60Hz 15-7.5A					
DC Output	3.3V	5V	12V	-12V	5VSB	
Max. Current	22A	22A	100A	0.3A	3A	
Max. Combined Power	120W		1200W	3.6W	15W	
	1200W					

PURE POWER 13 M 1000W					
AC Input	100-240Vac 50-60Hz 12-6A				
DC Output	3.3V	5V	12V	-12V	5VSB
Max. Current	22A	22A	83.4A	0.3A	3A
Max. Combined Power	120W		1000W	3.6W	15W
	1000W				

PURE POWER 13 M 850W					
AC Input	100-240Vac 50-60Hz 12-6A				
DC Output	3.3V	5V	12V	-12V	5VSB
Max. Current	22A	22A	70.9A	0.3A	3A
Max. Combined Power	120W		850W	3.6W	15W
	850W				

PURE POWER 13 M 750W					
AC Input	100-240Vac 50-60Hz 10-5A				
DC Output	3.3V	5V	12V	-12V	5VSB
Max. Current	20A	20A	62.5A	0.3A	3A
Max. Combined Power	120W		750W	3.6W	15W
	750W				

PURE POWER 13 M 650W					
AC Input	100-240Vac 50-60Hz 10-5A				
DC Output	3.3V	5V	12V	-12V	5VSB
Max. Current	20A	20A	54.1A	0.3A	3A
Max. Combined Power	120W		650W	3.6W	15W
	650W				

PURE POWER 13 M 550W					
AC Input	100-240Vac 50-60Hz 10-5A				
DC Output	3.3V	5V	12V	-12V	5VSB
Max. Current	20A	20A	45.8A	0.3A	3A
Max. Combined Power	120W		550W	3.6W	15W
	550W				

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PURE POWER 13 M

Logistics data			
Region	Model	Article no.	EAN code
EU	Pure Power 13 M 1200W	BP029EU	4260052193655
EU	Pure Power 13 M 1000W	BP028EU	4260052192207
EU	Pure Power 13 M 850W	BP027EU	4260052192191
EU	Pure Power 13 M 750W	BP026EU	4260052192184
EU	Pure Power 13 M 650W	BP025EU	4260052192177
EU	Pure Power 13 M 550W	BP024EU	4260052192160
US	Pure Power 13 M 1200W	BP029US	4260052193730
US	Pure Power 13 M 1000W	BP028US	4260052192252
US	Pure Power 13 M 850W	BP027US	4260052192245
US	Pure Power 13 M 750W	BP026US	4260052192238
US	Pure Power 13 M 650W	BP025US	4260052192221
US	Pure Power 13 M 550W	BP024US	4260052192214
ROW US Cord	Pure Power 13 M 1200W	BP029U2	4260052193716
ROW US Cord	Pure Power 13 M 1000W	BP028U2	4260052192303
ROW US Cord	Pure Power 13 M 850W	BP027U2	4260052192290
ROW US Cord	Pure Power 13 M 750W	BP026U2	4260052192283
ROW US Cord	Pure Power 13 M 650W	BP025U2	4260052192276
ROW US Cord	Pure Power 13 M 550W	BP024U2	4260052192269
UK	Pure Power 13 M 1200W	BP029UK	4260052193723
UK	Pure Power 13 M 1000W	BP028UK	4260052193020
UK	Pure Power 13 M 850W	BP027UK	4260052193037
UK	Pure Power 13 M 750W	BP026UK	4260052193044
UK	Pure Power 13 M 650W	BP025UK	4260052193051
UK	Pure Power 13 M 550W	BP024UK	4260052193068
AU	Pure Power 13 M 1200W	BP029AU	4260052193679
AU	Pure Power 13 M 1000W	BP028AU	4260052192450
AU	Pure Power 13 M 850W	BP027AU	4260052192443
AU	Pure Power 13 M 750W	BP026AU	4260052192436
AU	Pure Power 13 M 650W	BP025AU	4260052192429
AU	Pure Power 13 M 550W	BP024AU	4260052192412
AR	Pure Power 13 M 1200W	BP029AR	4260052193662
AR	Pure Power 13 M 1000W	BP028AR	4260052192986
AR	Pure Power 13 M 850W	BP027AR	4260052192979
AR	Pure Power 13 M 750W	BP026AR	4260052192962
AR	Pure Power 13 M 650W	BP025AR	4260052192955
AR	Pure Power 13 M 550W	BP024AR	4260052192948
TW	Pure Power 13 M 1200W	BP029TW	4260052193709
TW	Pure Power 13 M 1000W	BP028TW	4260052192351
TW	Pure Power 13 M 850W	BP027TW	4260052192344
TW	Pure Power 13 M 750W	BP026TW	4260052192337
TW	Pure Power 13 M 650W	BP025TW	4260052192320
TW	Pure Power 13 M 550W	BP024TW	4260052192313
CN	Pure Power 13 M 1200W	BP029CN	4260052193686
CN	Pure Power 13 M 1000W	BP028CN	4260052192405
CN	Pure Power 13 M 850W	BP027CN	4260052192399
CN	Pure Power 13 M 750W	BP026CN	4260052192382
CN	Pure Power 13 M 650W	BP025CN	4260052192375
CN	Pure Power 13 M 550W	BP024CN	4260052192368
JP	Pure Power 13 M 1200W	BP029JP	4260052193693
JP	Pure Power 13 M 1000W	BP028JP	4260052193488
JP	Pure Power 13 M 850W	BP027JP	4260052193471
JP	Pure Power 13 M 750W	BP026JP	4260052193464

Certifications

Type Approved
Safety
Regular Production
Surveillance
www.tuv.com
ID 0000025878

R45038
RoHS

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NMB (B)

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