

PURE POWER 12 M

EXCEPTIONAL QUIET, SUPERIOR FEATURES

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

ANWENDUNGSBEREICHE

Gaming Computer mit neuesten Grafikkarten
Leise PC-Systeme
Office-Anwendungen
Home-Theater-Systeme

HIGHLIGHTS

80 PLUS® Gold Effizienz
Erfüllt alle ATX 3.0-Spezifikationen
Außerordentlich leiser be quiet! Lüfter
Modulare Kabel

Außerordentlich leise, überlegene Features

Pure Power 12 M ist ATX 3.0- und PCIe 5.0 kompatibel, bietet eine 80 PLUS® Gold-Zertifizierung und einen geräuschoptimierten 120mm be quiet! Lüfter.

Highlights

- 80 PLUS® Gold Effizienz (von bis zu 93,7%)
- ATX 3.0-Netzteil mit voller Unterstützung für PCIe 5.0 GPUs und GPUs mit PCIe 6+2 Anschlüssen
- Verarbeitet hohe Lastspitzen
- Außerordentlich leiser 120mm be quiet! Lüfter
- Unübertroffene Signalstabilität und starke Spannungsregulierung dank LLC-Technologie
- 2 starke 12V-Leitungen
- Modulare Kabel für maximale Flexibilität
- Ein PCIe 5.0 12VHPWR-Anschluss mit bis zu 600W und bis zu 4 PCIe 6+2-Anschlüsse für übertaktete High-End GPUs
- Umfassender Schutz der wertvollen PC-Komponenten
- Erfüllt die Voraussetzungen für Modern Standby
- 10 Jahre Herstellergarantie



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| Technische Daten | | | | |
|-----------------------------------------|--------------------------------------------------------|--------------------------------|----------------------------------|----------------------------------|
| ALLGEMEIN | Modell | 1200W | 1000W | 850W |
| | Artikelnummer | BN346 | BN345 | BN344 |
| | EAN Code | 4260052190166 | 4260052189504 | 4260052189498 |
| | Netzspannung (Vac) / -frequenz (Hz) | 110-240 / 50-60 | 100-240 / 50-60 | |
| | Abmessungen (L x B x H in mm) | 160 x 150 x 86 | | |
| | ATX 12V 3.0 / EPS 12V 2.92 | ✓ / ✓ | | |
| | Geräuschoptimierter be quiet! Lüfter (mm) | 120 | | |
| | Geräuschentwicklung (dB(A)) @ 10 / 20 / 50 / 100% Last | 10,1 / 10,6 / 10,7 / 34,3 | 9,3 / 9,3 / 9,6 / 31,7 | 9,3 / 9,4 / 9,5 / 25,7 |
| | 12V-Leitungen Multi-Rail / Single-Rail | 2 / - | | |
| | Overclocking Key / Jumper | - / - | | |
| | Power good signal (ms) | 100-150 | | |
| | PFC | active | | |
| | Zertifizierung | 80 PLUS® Gold | | |
| | Effizienz (%) bei 230V, 2% / 10% / 20% / 50% / 100% | 72,9 / 89 / 92,7 / 93,7 / 91,5 | 75,9 / 88,4 / 92,3 / 93,1 / 90,8 | 73,8 / 87,1 / 91,7 / 93,2 / 91,2 |
| | Energy Star 8.0 kompatibel | ✓ | | |
| | ErP ready / Power in stand-by (W) | ✓ / <0,12 | ✓ / <0,1 | |
| | OCP, OVP, UVP, SCP, OPP, OTP, SIP | ✓ | | |
| Lebensdauer des Netzteils @ 25°C (Std.) | >100.000 | | | |
| KABEL | Kabelanzahl | 8 | | |
| | Maximale Kabellänge (cm) | 95 | | |
| | Länge ATX-Verbindungskabel (cm) | 55 | | |
| | Kabelmanagement | ✓ | | |
| | Ummantelte Kabel | 20+4-Pin | | |
| | Flachbandkabel | P4+4, P8, PCIe, drives | | |
| ANSCHLÜSSE | ATX-mainboard (20+4-pin) | ✓ | | |
| | 12VHPWR Kabel W | 1 600 | | |
| | PCI-express (6+2-pin) | 4 | | |
| | P8/P4 connector | 1x P4+4, 1x P8 | | |
| | S-ATA | 6 | | |
| | P-ATA | 2 | | |

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EXCEPTIONAL QUIET, SUPERIOR FEATURES

| Technische Daten | | | | |
|------------------|--------------------------------------------------------|----------------------------------|--------------------------------|----------------------------------|
| ALLGEMEIN | Modell | 750W | 650W | 550W |
| | Artikelnummer | BN343 | BN342 | BN341 |
| | EAN Code | 4260052189481 | 4260052189474 | 4260052189467 |
| | Netzspannung (Vac) / -frequenz (Hz) | 100-240 / 50-60 | | |
| | Abmessungen (L x B x H in mm) | 160 x 150 x 86 | | |
| | ATX 12V 3.0 / EPS 12V 2.92 | ✓ / ✓ | | |
| | Geräuschoptimierter be quiet! Lüfter (mm) | 120 | | |
| | Geräuschentwicklung (dB(A)) @ 10 / 20 / 50 / 100% Last | 8,4 / 8,5 / 8,9 / 24 | 8,1 / 8,2 / 9,1 / 19,9 | 8 / 8 / 8,2 / 17,1 |
| | 12V-Leitungen Multi-Rail / Single-Rail | 2 / - | | |
| | Overclocking Key / Jumper | - / - | | |
| | Power good signal (ms) | 100-150 | | |
| | PFC | active | | |
| | Zertifizierung | 80 PLUS® Gold | | |
| | Effizienz (%) bei 230V, 2% / 10% / 20% / 50% / 100% | 75,7 / 86,6 / 91,5 / 92,6 / 90,6 | 73,3 / 86,4 / 90 / 92,7 / 90,5 | 70,4 / 85,2 / 89,3 / 92,8 / 90,9 |
| | Energy Star 8.0 kompatibel | ✓ | | |
| | ErP ready / Power in stand-by (W) | ✓ / <0,1 | | |
| | OCP, OVP, UVP, SCP, OPP, OTP, SIP | ✓ | | |
| | Lebensdauer des Netzteils @ 25°C (Std.) | >100.000 | | |
| KABEL | Kabelanzahl | 7 | | 6 |
| | Maximale Kabellänge (cm) | 95 | | |
| | Länge ATX-Verbindungskabel (cm) | 55 | | |
| | Kabelmanagement | ✓ | | |
| | Ummantelte Kabel | 20+4-Pin | | |
| | Flachbandkabel | P4+4, P8, PCIe, drives | P4+4, P4, PCIe, drives | P4+4, PCIe, drives |
| ANSCHLÜSSE | ATX-mainboard (20+4-pin) | ✓ | | |
| | 12VHPWR Kabel I W | 1 600 | 1 450 | 1 300 |
| | PCI-express (6+2-pin) | 2 | | |
| | P8/P4 connector | 1x P4+4, 1x P8 | 1x P4+4, 1x P4 | 1x P4+4 |
| | S-ATA | 5 | | |
| | P-ATA | 2 | | |

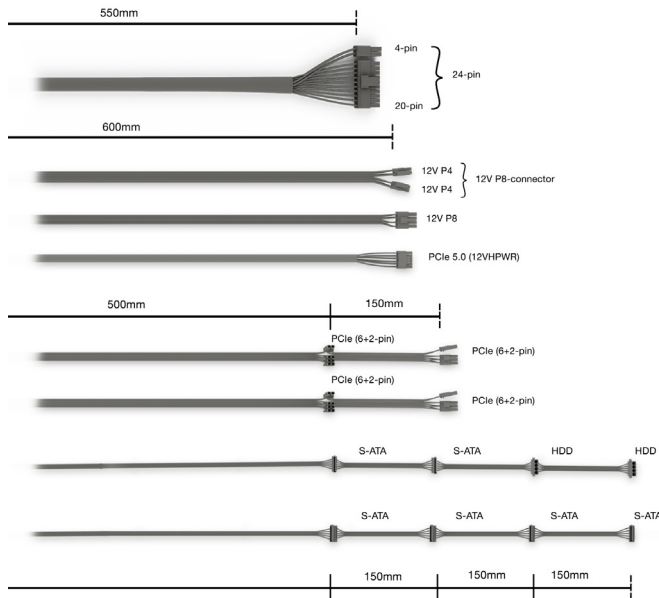
| Ausgangsdaten | | | | | | | | | | |
|--------------------------|---------------------|----------------------------------|-----|-------|------|------|------|--|--|--|
| Pure Power 12 M 1200W | AC Input | 110 - 240Vac 50 - 60Hz 15 - 7.5A | | | | | | | | |
| | DC Output | 3.3V | 5V | 12V1 | 12V2 | -12V | 5VSB | | | |
| | Max. Current | 22A | 22A | 55A | 50A | 0.3A | 3A | | | |
| | Max. Combined Power | 120W | | 1200W | | 3.6W | 15W | | | |
| Pure Power 12 M 1000W | AC Input | 100 - 240Vac 50 - 60Hz 12 - 6A | | | | | | | | |
| | DC Output | 3.3V | 5V | 12V1 | 12V2 | -12V | 5VSB | | | |
| | Max. Current | 22A | 22A | 46A | 42A | 0.3A | 3A | | | |
| | Max. Combined Power | 120W | | 1000W | | 3.6W | 15W | | | |
| Pure Power 12 M 850W | AC Input | 100 - 240Vac 50 - 60Hz 12 - 6A | | | | | | | | |
| | DC Output | 3.3V | 5V | 12V1 | 12V2 | -12V | 5VSB | | | |
| | Max. Current | 22A | 22A | 40A | 36A | 0.3A | 3A | | | |
| | Max. Combined Power | 120W | | 850W | | 3.6W | 15W | | | |
| Pure Power 12 M 750W | AC Input | 100 - 240Vac 50 - 60Hz 10 - 5A | | | | | | | | |
| | DC Output | 3.3V | 5V | 12V1 | 12V2 | -12V | 5VSB | | | |
| | Max. Current | 20A | 20A | 36A | 32A | 0.3A | 3A | | | |
| | Max. Combined Power | 120W | | 750W | | 3.6W | 15W | | | |
| Pure Power 12 M 650W | AC Input | 100 - 240Vac 50 - 60Hz 10 - 5A | | | | | | | | |
| | DC Output | 3.3V | 5V | 12V1 | 12V2 | -12V | 5VSB | | | |
| | Max. Current | 20A | 20A | 32A | 28A | 0.3A | 3A | | | |
| | Max. Combined Power | 120W | | 650W | | 3.6W | 15W | | | |
| Pure Power 12 M 550W | AC Input | 100 - 240Vac 50 - 60Hz 10 - 5A | | | | | | | | |
| | DC Output | 3.3V | 5V | 12V1 | 12V2 | -12V | 5VSB | | | |
| | Max. Current | 20A | 20A | 28A | 24A | 0.3A | 3A | | | |
| | Max. Combined Power | 120W | | 550W | | 3.6W | 15W | | | |

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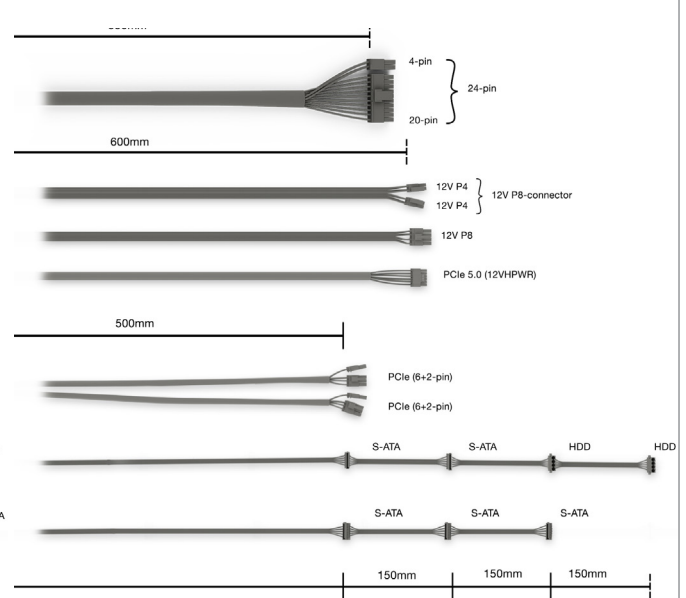
EXCEPTIONAL QUIET, SUPERIOR FEATURES

Kabel

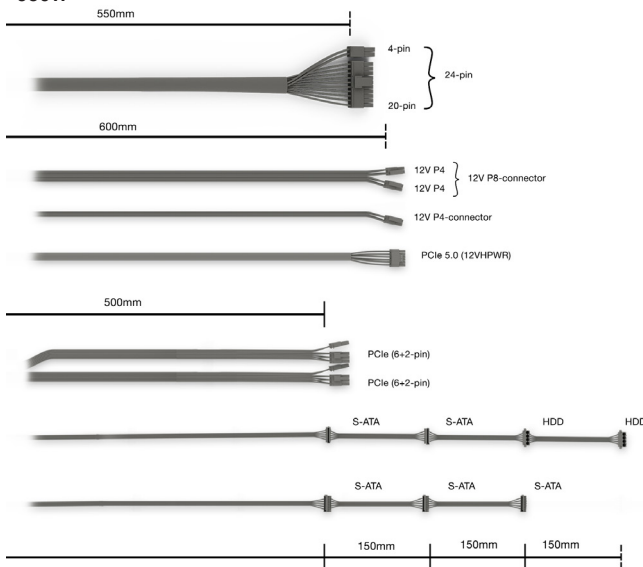
1200W / 1000W / 850W



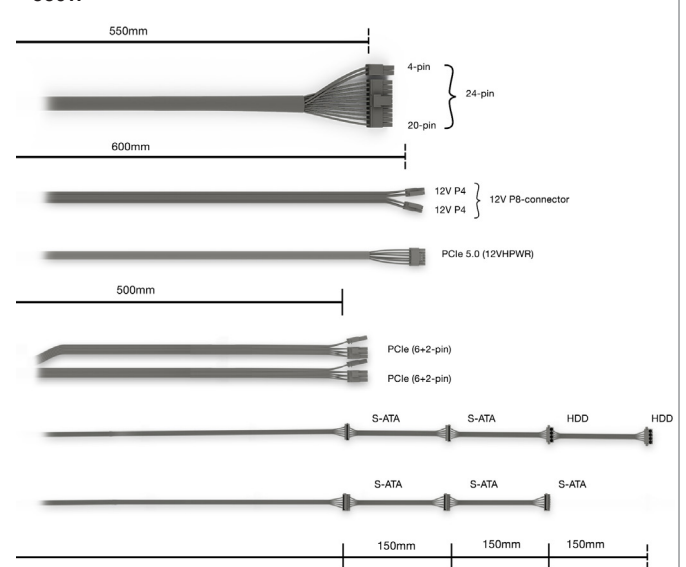
750W



650W



550W



PURE POWER 12 M

EXCEPTIONAL QUIET, SUPERIOR FEATURES

| Logistische Daten | | | |
|-------------------|-----------------------|-------------|---------------|
| Region | Modell | Artikel Nr. | EAN Code |
| EU | Pure Power 12 M 1200W | BN346 | 4260052190166 |
| EU | Pure Power 12 M 1000W | BN345 | 4260052189504 |
| EU | Pure Power 12 M 850W | BN344 | 4260052189498 |
| EU | Pure Power 12 M 750W | BN343 | 4260052189481 |
| EU | Pure Power 12 M 650W | BN342 | 4260052189474 |
| EU | Pure Power 12 M 550W | BN341 | 4260052189467 |
| US | Pure Power 12 M 1200W | BN513 | 4260052190173 |
| US | Pure Power 12 M 1000W | BN506 | 4260052189801 |
| US | Pure Power 12 M 850W | BN505 | 4260052189795 |
| US | Pure Power 12 M 750W | BN504 | 4260052189788 |
| US | Pure Power 12 M 650W | BN503 | 4260052189771 |
| US | Pure Power 12 M 550W | BN502 | 4260052189764 |
| AU | Pure Power 12 M 1200W | BN729 | 4260052190197 |
| AU | Pure Power 12 M 1000W | BN717 | 4260052189900 |
| AU | Pure Power 12 M 850W | BN716 | 4260052189894 |
| AU | Pure Power 12 M 750W | BN715 | 4260052189887 |
| AU | Pure Power 12 M 650W | BN714 | 4260052189870 |
| AU | Pure Power 12 M 550W | BN713 | 4260052189863 |
| AR | Pure Power 12 M 1200W | BN512 | 4260052190180 |
| AR | Pure Power 12 M 1000W | BN511 | 4260052189856 |
| AR | Pure Power 12 M 850W | BN510 | 4260052189849 |
| AR | Pure Power 12 M 750W | BN509 | 4260052189832 |
| AR | Pure Power 12 M 650W | BN508 | 4260052189825 |
| AR | Pure Power 12 M 550W | BN507 | 4260052189818 |
| TW | Pure Power 12 M 1200W | BN730 | 4260052190203 |
| TW | Pure Power 12 M 1000W | BN722 | 4260052189955 |
| TW | Pure Power 12 M 850W | BN721 | 4260052189948 |
| TW | Pure Power 12 M 750W | BN720 | 4260052189931 |
| TW | Pure Power 12 M 650W | BN719 | 4260052189924 |
| TW | Pure Power 12 M 550W | BN718 | 4260052189917 |
| CN | Pure Power 12 M 1200W | BN728 | 4260052190210 |
| CN | Pure Power 12 M 1000W | BN727 | 4260052190005 |
| CN | Pure Power 12 M 850W | BN726 | 4260052189993 |
| CN | Pure Power 12 M 750W | BN725 | 4260052189986 |
| CN | Pure Power 12 M 650W | BN724 | 4260052189979 |
| CN | Pure Power 12 M 550W | BN723 | 4260052189962 |
| JP | Pure Power 12 M 1000W | BN757 | 4260052190593 |
| JP | Pure Power 12 M 850W | BN756 | 4260052190586 |
| JP | Pure Power 12 M 750W | BN755 | 4260052190579 |
| JP | Pure Power 12 M 550W | BN754 | 4260052190562 |

Zertifizierungen

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

UK Authorised Representative (for authorities only)
ProductIP (UK) Ltd. 8, Northumberland Av.
London WC2N 5BY

Kontakt

be quiet! Hauptsitz Service hotline: +49 40 7367 686 44
e-mail: service@bequiet.com

Listan GmbH
Wilhelm-Bergner-Straße 11c
21509 Glinde
Deutschland

Besuchen Sie den Servicebereich auf bequiet.com für Informationen zu Ihrem regionalen Servicekontakt.