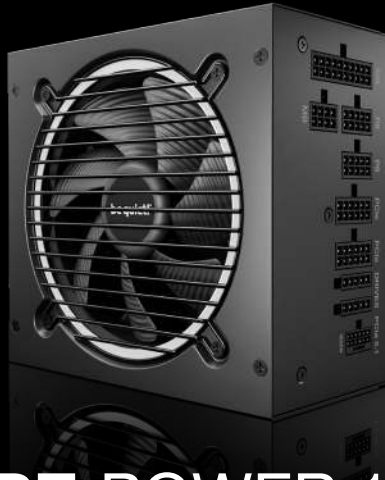




## PURE POWER 13 M

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 94.4%)
- 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



# PURE POWER 13 M

| Technical Data |                                            |                                          |                        |                      |
|----------------|--------------------------------------------|------------------------------------------|------------------------|----------------------|
| IN GENERAL     | Model                                      | 1000W                                    | 850W                   | 750W                 |
|                | Article no.                                | BP028EU                                  | BP027EU                | BP026EU              |
|                | EAN code                                   | 4260052192207                            | 4260052192191          | 4260052192184        |
|                | 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   fan size (mm)                   | temperature-controlled quality fan   120 |                        |                      |
|                | Noise level (dB(A)) at 20 / 50 / 100% load | 13.6 / 14.1 / 30.3                       | 12.9 / 13.2 / 30.2     | 14.8 / 14.8 / 20.8   |
|                | 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 / 94.4                     |                        | 80 PLUS® Gold / 94.3 |
|                | 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                              | 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                   | 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                         |                        | 1 x P4+4, 1 x P8     |
|                | S-ATA                                      | 6                                        |                        |                      |
|                | P-ATA                                      | 2                                        |                        |                      |
|                | Easy-plug HDD connectors                   | -                                        |                        |                      |
|                | FDD (Floppy)                               | -                                        |                        |                      |

# 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   fan size (mm)                   | temperature-controlled quality fan   120 |  |                      |  |
|                | Noise level (dB(A)) at 20 / 50 / 100% load | 12.9 / 13.2 / 30.2                       |  | 14.8 / 14.8 / 20.8   |  |
|                | 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<br>13 M<br>1000W | AC Input                 | 100-240Vac |     | 50-60Hz | 12-6A |      | PURE POWER<br>13 M<br>850W | AC Input                 | 100-240Vac |     | 50-60Hz | 12-6A |      |
|                             | DC Output                | 3.3V       | 5V  | 12V     | -12V  | 5VSB |                            | DC Output                | 3.3V       | 5V  | 12V     | -12V  | 5VSB |
|                             | Max. Current             | 22A        | 22A | 83.4A   | 0.3A  | 3A   |                            | Max. Current             | 22A        | 22A | 70.9A   | 0.3A  | 3A   |
|                             | Max. Com-<br>bined Power | 120W       |     | 1000W   | 3.6W  | 15W  |                            | Max. Com-<br>bined Power | 120W       |     | 850W    | 3.6W  | 15W  |
|                             |                          | 1000W      |     |         |       |      |                            |                          | 850W       |     |         |       |      |
| PURE POWER<br>13 M<br>750W  | AC Input                 | 100-240Vac |     | 50-60Hz | 10-5A |      | PURE POWER<br>13 M<br>650W | AC Input                 | 100-240Vac |     | 50-60Hz | 10-5A |      |
|                             | DC Output                | 3.3V       | 5V  | 12V     | -12V  | 5VSB |                            | DC Output                | 3.3V       | 5V  | 12V     | -12V  | 5VSB |
|                             | Max. Current             | 20A        | 20A | 62.5A   | 0.3A  | 3A   |                            | Max. Current             | 20A        | 20A | 54.1A   | 0.3A  | 3A   |
|                             | Max. Com-<br>bined Power | 120W       |     | 750W    | 3.6W  | 15W  |                            | Max. Com-<br>bined Power | 120W       |     | 650W    | 3.6W  | 15W  |
|                             |                          | 750W       |     |         |       |      |                            |                          | 650W       |     |         |       |      |
| PURE POWER<br>13 M<br>550W  | AC Input                 | 100-240Vac |     | 50-60Hz | 10-5A |      | PURE POWER<br>13 M<br>550W | AC Input                 | 100-240Vac |     | 50-60Hz | 10-5A |      |
|                             | DC Output                | 3.3V       | 5V  | 12V     | -12V  | 5VSB |                            | DC Output                | 3.3V       | 5V  | 12V     | -12V  | 5VSB |
|                             | Max. Current             | 20A        | 20A | 45.8A   | 0.3A  | 3A   |                            | Max. Current             | 20A        | 20A | 45.8A   | 0.3A  | 3A   |
|                             | Max. Com-<br>bined Power | 120W       |     | 550W    | 3.6W  | 15W  |                            | Max. Com-<br>bined Power | 120W       |     | 550W    | 3.6W  | 15W  |
|                             |                          | 550W       |     |         |       |      |                            |                          | 550W       |     |         |       |      |

# PURE POWER 13 M

| Logistics data |                       |             |               |
|----------------|-----------------------|-------------|---------------|
| Region         | Model                 | Article no. | EAN code      |
| 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 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 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 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 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 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 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 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 1000W | BP028JP     | 4260052193488 |
| JP             | Pure Power 13 M 850W  | BP027JP     | 4260052193471 |
| JP             | Pure Power 13 M 750W  | BP026JP     | 4260052193464 |

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