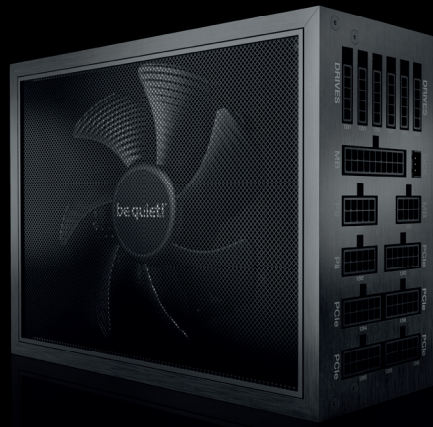




# DARK POWER PRO 12

CUTTING EDGE TECHNOLOGIES AND PERFORMANCE

**1500W • 1200W**

## IDEAL APPLICATIONS

Advanced, high-resolution gaming  
Overclocked systems  
Media creating  
Multi-GPU workstations

## HIGHLIGHTS

Highest efficiency available (80 PLUS® Titanium)  
Fully digital control and full-bridge for best possible efficiency and regulation  
Frameless Silent Wings fan for virtually inaudible operation  
Individually sleeved cables, overclocking key, aluminum case

### Cutting Edge Technologies And Performance

The be quiet! Dark Power Pro 12 offers 80 PLUS Titanium efficiency and world class performance due to fully digital control and frameless fan concept. The most technologically-advanced PSU be quiet! has ever built.

#### Highlights »

- 80 PLUS Titanium efficiency (up to 94,9%)
- Fully digital control (PFC, LLC, SR/12V) and Full-Bridge topology for world class regulation and low ripple noise
- Patented frameless Silent Wings fan for virtually inaudible operation at ordinary load
- Redesigned funnel shape opening for a larger cooling area
- Full mesh PSU front for maximum airflow
- Overclocking key switches between six 12V-rails and one massive 12V-rail
- Wire-free inside the PSU for enhanced cooling and longevity
- Japanese 105°C capacitors ensure highest stability and reliability
- Aluminum case and modular individually sleeved cables for magnificent appearance
- Ten-year manufacturer's warranty
- Product conception, design and quality control in Germany



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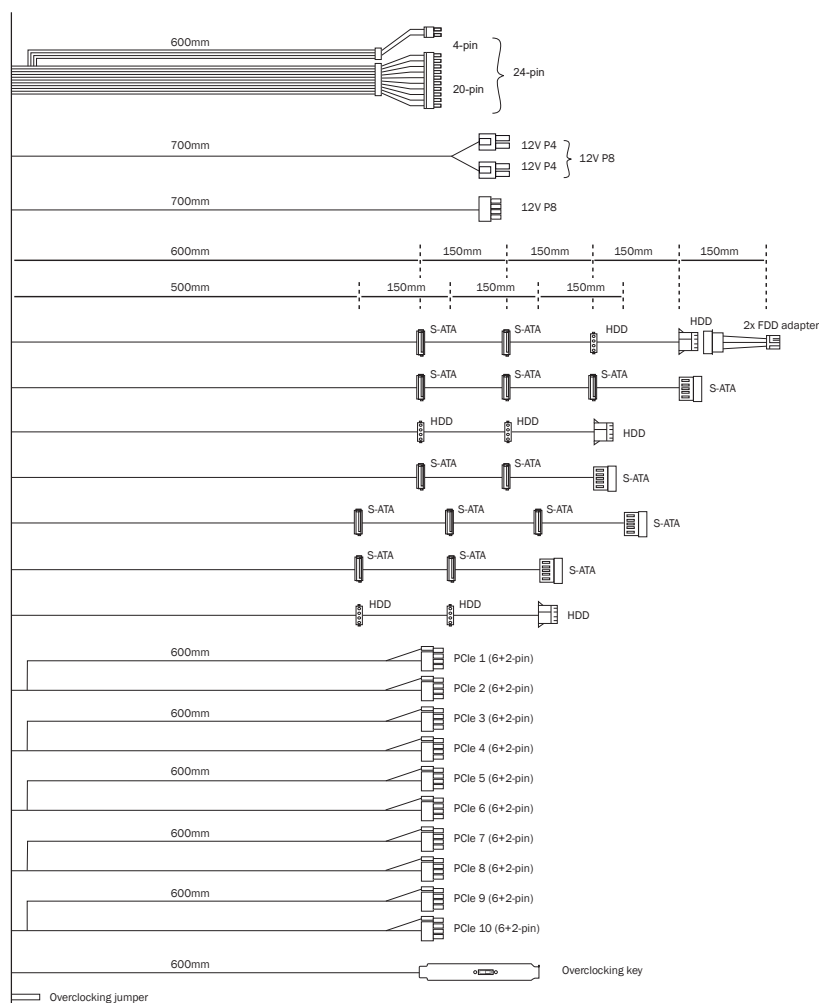
| Technical Data » |                                            |                           |                           |
|------------------|--------------------------------------------|---------------------------|---------------------------|
| IN GENERAL       | Model                                      | 1500W                     | 1200W                     |
|                  | Article no.                                | BN312                     | BN311                     |
|                  | EAN Code                                   | 4260052187432             | 4260052187425             |
|                  | Voltage (Vac) / Frequency (Hz)             | 100 - 240 / 50 - 60       | 100 - 240 / 50 - 60       |
|                  | Dimensions (L x W x H)                     | 200 x 150 x 86            | 200 x 150 x 86            |
|                  | ATX 12V 2.51 / EPS 12V 2.92                | ✓ / ✓                     | ✓ / ✓                     |
|                  | Wire-free (DC-side)                        | ✓                         | ✓                         |
|                  | Silent Wings fan (mm)                      | 135                       | 135                       |
|                  | Noise level (dB(A)) at 20 / 50 / 100% load | 12.1 / 12.4 / 31.5        | 11.2 / 11.7 / 25.8        |
|                  | 12V rail (Multi-Rail) / 12V Single Rail    | 6 / ✓                     | 6 / ✓                     |
|                  | Overclocking Key / Jumper                  | ✓ / ✓                     | ✓ / ✓                     |
|                  | Power Good signal                          | 100-150ms                 | 100-150ms                 |
|                  | PFC                                        | active                    | active                    |
|                  | Certification / Efficiency (%) at 230V     | 80 PLUS® Titanium / 94,9% | 80 PLUS® Titanium / 94,7% |
|                  | Energy Star 7.0 compatible                 | ✓                         | ✓                         |
| CABLES           | ErP ready / Power in stand-by (W)          | ✓ / 0.11                  | ✓ / 0.08                  |
|                  | OCP, OVP, UVP, SCP, OPP, OTP               | ✓                         | ✓                         |
|                  | Lifetime of PSU at 40°C (h)                | 100,000                   | 100,000                   |
|                  | No. of cables                              | 17                        | 17                        |
|                  | Maximum cable length (cm)                  | 120                       | 120                       |
| CONNECTORS       | Length of ATX-connection cable (cm)        | 60                        | 60                        |
|                  | Cable management                           | Modular                   | Modular                   |
|                  | Sleeved cables                             | individually sleeved      | individually sleeved      |
|                  | ATX motherboard (20+4-pin)                 | ✓                         | ✓                         |
| CONNECTORS       | PCI express (6+2-pin)                      | 10                        | 10                        |
|                  | P8-/P4-connector                           | 1x P4+4 / 1xP8            | 1x P4+4 / 1xP8            |
|                  | S-ATA (5-pin)                              | 16                        | 16                        |
|                  | P-ATA (4-pin)                              | 8                         | 8                         |

| Output Data » |                     |                          |     |       |      |      |      |      |      |      |       |
|---------------|---------------------|--------------------------|-----|-------|------|------|------|------|------|------|-------|
| AC Input      |                     | 110-240Vac 50-60Hz 17-9A |     |       |      |      |      |      |      |      |       |
| DC Output     |                     | 3.3V                     | 5V  | 12V1  | 12V2 | 12V3 | 12V4 | 12V5 | 12V6 | -12V | 5VsB  |
| 1500W         | Max. Current        | 25A                      | 25A | 40A   | 40A  | 40A  | 40A  | 45A  | 45A  | 0.5A | 3.5A  |
|               | Max. Combined Power | 150W                     |     | 1500W |      |      |      |      |      | 6W   | 17.5W |
|               |                     | 1500W                    |     |       |      |      |      |      |      |      |       |
| AC Input      |                     | 100-240Vac 50-60Hz 16-8A |     |       |      |      |      |      |      |      |       |
| DC Output     |                     | 3.3V                     | 5V  | 12V1  | 12V2 | 12V3 | 12V4 | 12V5 | 12V6 | -12V | 5VsB  |
| 1200W         | Max. Current        | 25A                      | 25A | 35A   | 35A  | 35A  | 35A  | 40A  | 40A  | 0.5A | 3.5A  |
|               | Max. Combined Power | 150W                     |     | 1200W |      |      |      |      |      | 6W   | 17.5W |
|               |                     | 1200W                    |     |       |      |      |      |      |      |      |       |

# DARK POWER PRO 12

CUTTING EDGE TECHNOLOGIES AND PERFORMANCE

## Cables »



## Logistics data »

| Region | Model                   | Article no | EAN code      |
|--------|-------------------------|------------|---------------|
| EU     | Dark Power Pro 12 1500W | BN312      | 4260052187432 |
| EU     | Dark Power Pro 12 1200W | BN311      | 4260052187425 |
| AU     | Dark Power Pro 12 1500W | BN817      | 4260052187746 |
| AU     | Dark Power Pro 12 1200W | BN816      | 4260052187739 |
| US     | Dark Power Pro 12 1500W | BN647      | 4260052187722 |
| US     | Dark Power Pro 12 1200W | BN646      | 4260052187715 |
| TW     | Dark Power Pro 12 1500W | BN944      | 4260052187760 |
| TW     | Dark Power Pro 12 1200W | BN943      | 4260052187753 |
| CN     | Dark Power Pro 12 1500W | BN946      | 4260052187784 |
| CN     | Dark Power Pro 12 1200W | BN945      | 4260052187777 |

## Contact »

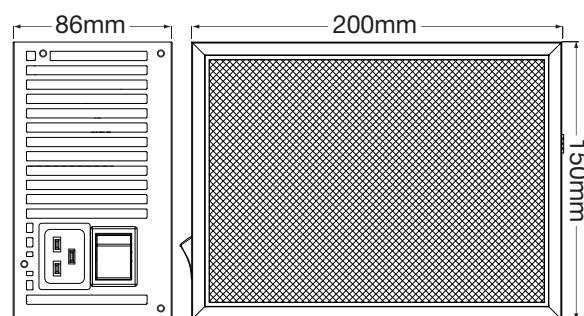
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## Dimensions »



## Certifications »

