



## Be Quiet! Dark Power PRO 11 650W

Power supply (internal) - ATX12V 2.4/ EPS12V 2.92 - 80 PLUS Platinum - AC  
100-240 V - 650 Watt - active PFC - black

|                       |               |
|-----------------------|---------------|
| Group                 | Power Supply  |
| Manufacturer          | Be Quiet!     |
| Manufacturer item no. | BN251         |
| EAN/UPC               | 4260052183762 |

### Description

It is a fact of the modern world that high technology requires constant refinement and unending improvement - and that is even truer for those who would be leaders. Dark Power Pro power supplies are renowned as the world's quietest and most efficient high-performance PSUs. The Dark Power Pro 11 650W model takes that a step further with a power conversion topology that delivers 80PLUS Platinum performance, add to that an unparalleled array of enhancements that augment this unit's compatibility, convenience of use, reliability, and safety, and the result is the most technologically-advanced power supply be quiet! has ever built.

### Main features

|                          |                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description      | be quiet! Dark Power PRO 11 650W - power supply - 650 Watt                                                                                                                                                                                                                                                           |
| Device Type              | Power supply - active Power Factor Correction (PFC) - internal                                                                                                                                                                                                                                                       |
| Specification Compliance | ATX12V 2.4/ EPS12V 2.92                                                                                                                                                                                                                                                                                              |
| 80 PLUS Certification    | 80 PLUS Platinum                                                                                                                                                                                                                                                                                                     |
| Weight                   | 2.1 kg                                                                                                                                                                                                                                                                                                               |
| Input Voltage            | AC 100-240 V                                                                                                                                                                                                                                                                                                         |
| Power Capacity           | 650 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   5 x 4 PIN internal power   8 x 15 pin Serial ATA power   4 x 8 pin PCI Express power with detachable 2 pin section   1 x 6 pin PCI Express power   1 x 4 PIN mini-power connector |
| Cooling System           | 135 mm fan                                                                                                                                                                                                                                                                                                           |
| Included Accessories     | Cable ties, thumbscrews                                                                                                                                                                                                                                                                                              |
| Colour                   | Black                                                                                                                                                                                                                                                                                                                |
| Dimensions (WxDxH)       | 15 cm x 18 cm x 8.6 cm                                                                                                                                                                                                                                                                                               |
| Environmental Standards  | ENERGY STAR                                                                                                                                                                                                                                                                                                          |

### Extended details



#### General

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| Device Type              | Power supply - active Power Factor Correction (PFC) - internal |
| Specification Compliance | ATX12V 2.4/ EPS12V 2.92                                        |
| PSU Form Factor          | ATX                                                            |
| Colour                   | Black                                                          |

#### 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   5 x 4 PIN internal power   8 x 15 pin Serial ATA power   4 x 8 pin PCI Express power with detachable 2 pin section   1 x 6 pin PCI Express power   1 x 4 PIN mini-power connector |
| Power Capacity                  | 650 Watt                                                                                                                                                                                                                                                                                                             |
| Output Current                  | +3.3V - 25 A   +5V - 25 A   +12V1 - 20 A   +12V2 - 20 A   +12V3 - 25 A   +12V4 - 25 A   -12V - 0.5 A   +5VSB - 3 A                                                                                                                                                                                                   |
| Efficiency                      | 92.5% at 20% Load, 94% at 50% Load, 92.5% at 100% Load                                                                                                                                                                                                                                                               |
| Power Factor (PF)               | 0.99                                                                                                                                                                                                                                                                                                                 |
| Modular Cable Management        | Yes                                                                                                                                                                                                                                                                                                                  |
| 80 PLUS Certification           | 80 PLUS Platinum                                                                                                                                                                                                                                                                                                     |

#### Miscellaneous

|                      |                                                                                                                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Included Accessories | Cable ties, thumbscrews                                                                                                                                                                                                                                                |
| Cables Included      | Power cable - external - 1.5 m                                                                                                                                                                                                                                         |
| MTBF                 | 100,000 hours                                                                                                                                                                                                                                                          |
| Cooling System       | 135 mm fan                                                                                                                                                                                                                                                             |
| Features             | Overheat protection, over current protection, over voltage protection, overpower protection, SLI ready, undervoltage protection, short-circuit protection, 4 x 12V rail, temperature controlled fan, CrossFireX ready, fluid dynamic bearing cooling fan, semi-modular |
| Compliant Standards  | TUV, CB, FCC, RoHS, WEEE, cTUVus, ERP, RCM                                                                                                                                                                                                                             |

#### Environmental Standards

|             |     |
|-------------|-----|
| ENERGY STAR | Yes |
|-------------|-----|

#### Manufacturer Warranty

|                   |                            |
|-------------------|----------------------------|
| Service & Support | Limited warranty - 5 years |
|-------------------|----------------------------|

#### Environmental Parameters

|                           |       |
|---------------------------|-------|
| Max Operating Temperature | 40 °C |
|---------------------------|-------|

#### Dimensions & Weight

|        |        |
|--------|--------|
| Width  | 15 cm  |
| Depth  | 18 cm  |
| Height | 8.6 cm |
| Weight | 2.1 kg |

#### Dimensions & Weight (Shipping)

|                 |         |
|-----------------|---------|
| Shipping Width  | 34.8 cm |
| Shipping Depth  | 27.2 cm |
| Shipping Height | 11.8 cm |



Shipping Weight

3.45 kg

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