



Power Supply MONTECH BETA 2 ATX PC 100 - 240 V 650 W BETA2650W

Model: BETA 2 650W

Manufacturer: MONTECH

EAN: 4710562743203

Product Code: 407683

R1,801

New Evolution of Bronze

MONTECH BETA 2 leads the evolution of essential power supplies, bringing modern standards, refined design, and long-term reliability to the 80 PLUS Bronze segment. Built on the ATX 3.1 standard and with PCIe 5.1 support available on the 850W model, BETA 2 is designed to power today and tomorrow's systems with greater stability, efficiency, and confidence.

Next-Gen Ready

BETA 2 is fully compliant with the latest ATX 3.1 standard, ensuring safer and more reliable power delivery for modern platforms.

80 PLUS Bronze Efficiency

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Certified with 80 PLUS Bronze efficiency, BETA 2 delivers optimized power conversion with reduced energy loss. The improved internal design helps maintain consistent efficiency across typical usage scenarios, balancing performance and value.

Enhanced Power Architecture

BETA 2 adopts DC-to-DC technology to deliver tighter voltage regulation and reduced fluctuation under load. This design improves overall system stability and helps protect sensitive components during power transitions.

High Quality Components

At the heart of BETA 2 is an industrial-grade Japanese main capacitor rated for 105°C/221°F operation. Built to withstand high temperatures and long-term stress, it enhances durability and reduces the risk of instability over time.

Upgraded Cooling

BETA 2 features an upgraded HDB cooling fan, delivering quieter operation and improved longevity compared to traditional sleeve-bearing designs. Optimized airflow supports stable performance even during extended workloads.

Refined Aesthetics & Premium Cabling

The MONTECH signature chassis design supports efficient airflow, while upgraded embossed cables deliver a cleaner, more premium look and a more refined overall build presentation.

Comprehensive Protection & Extended 5-Year Warranty

BETA 2 is built with comprehensive power protections including OPP, OVP, UVP, SCP, OCP, OTP to ensure stable operation for your system. Backed by an extended 5-year warranty, it reflects MONTECH's confidence in long-term reliability and commitment to dependable performance you can trust.

- Next-Gen Ready
- 80 PLUS Bronze Efficiency
- Enhanced Power Architecture
- High Quality Components

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- Upgraded Cooling
- Refined Aesthetics & Premium Cabling

Summary: Montech BETA 2. Total power: 650 W, AC input voltage: 100 - 240 V, AC input frequency: 50/60 Hz. Motherboard power connector: 20+4 pin ATX, Cabling type: Non-Modular. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Bronze. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Compliance certificates: CB, BSMI, EAC, Federal Communications Commission (FCC), KC, KCC, RCM, RoHS, cTUVus, TÜV mark, UKCA | Vendor Homepage: <https://www.montechpc.com/beta-2-650w> | Total power: 650 | AC input voltage: 100 - 240 | AC input frequency: 50/60 | Input current: 12 | Combined power (+3.3V): 80 | Combined power (+12V): 649.2 | Combined power (+5V): 80 | Combined power (-12V): 3.6 | Combined power (+5Vsb): 15 | Max output current (+3.3V): 13 | Max output current (+12V): 54.1 | Max output current (+5V): 13 | Max output current (-12V): 0.3 | Max output current (+5Vsb): 3 | Power protection features: Over current/Over power/Over voltage/Overheating/Short circuit/Under voltage | Motherboard power connector: 20+4 pin ATX | Number of SATA power connectors: 4 | Number of SATA power cables: 1 | Peripheral (Molex) power connectors (4-pin): 4 | PCI Express power connectors (6+2 pin): 2 | CPU power connector (4+4 pin): Yes | Cabling type: Non-Modular | 80 PLUS certification: 80 PLUS Bronze | Purpose: PC | Power supply unit (PSU) form factor: ATX | ATX version: 3.1 | Bearing technology: HDB | Product colour: Black | Cooling type: Active | Fan diameter: 120 | Number of fans: 1 | Illumination: No | On/off switch: Yes | Operating temperature (T-T): 0 - 40 | Compliance certificates: BSMI/CB/cTUVus/EAC/Federal Communications Commission (FCC)/KC/KCC/RCM/RoHS/TÜV mark/UKCA | Width: 150 | Depth: 140 | Height: 86 | Package type: Box | Doesn't contain: Cadmium/Lead/Mercury | Warranty period: 5 | Unit Calculated Weight: 2 | Product Net Weight: 1.5 | Unit Calculated Volume: 0.006884 | Units per Shipping Box: 8 | Unit Width: 20 | Units per Pallet: 0 | Shipping Box Height: 23.5 | Unit Depth: 25.5 | Unit Height: 10 | Name: CASE PSU ATX 650W/BETA 2 650W MONTECH | Model name: BETA 2

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