

POWER UP



FEATURES

80 PLUS Gold Certified : This certification guarantees a typical efficiency of 90% under normal operating conditions.

Performance Driven Topology : The half-bridge LLC resonant converter and DC-DC technology offer reliable and stable voltage outputs for safer, more reliable performance and higher efficiency.

Semi-Fanless Mode with Hybrid Switch : The 135mm FDB fan is semi-fanless up to 40% load and can be manually turned off with a hardware based hybrid switch.

Full-Modular Cabling : Modular cables reduce clutter, increase airflow, and improve overall efficiency and thermal performance.

16 AWG PCI-e Cables : The thicker 16 AWG PCI-e cables allow for higher currents, thereby improving both efficiency and safety.

10 Year Warranty : This unit comes with a standard limited manufacturing warranty of 10 years from the date of purchase.

PACKAGE INFORMATION

| Cable Type | EAN | UPC |
|------------|---------------|--------------|
| AU | 4719512068588 | 884102041099 |
| BR | 4719512068595 | 884102041105 |
| EU | 4719512068564 | 884102041075 |
| JP | 4719512068625 | 884102041136 |
| KR | 4719512068601 | 884102041112 |
| ST | 4719512068571 | 884102041082 |
| TW | 4719512068694 | 884102041204 |
| UK | 4719512068557 | 884102041068 |
| US | 4719512068540 | 884102041051 |

| | |
|--------------------|---|
| Nett Weight | 1.96 kg / 4.321 lb |
| Gross Weight | 2.49 kg / 5.49 lb |
| Package Dimensions | 303 x 202 x 125mm (11.93 x 7.95 x 4.92") |
| Carton Dimensions | 520 x 318 x 238mm (20.47 x 12.52 x 9.37") |
| Unit / Carton | 4 pcs |
| Carton / Pallet | 24 pcs |

The V Gold - v2 offers the high quality user experience you've always wanted. Enjoy an 80 Plus Gold efficiency rating, full-modular cabling, semi-fanless operation, a 135mm FDB fan, 16AWG PCIe high efficiency cables, and a 10 year warranty. Improvements and innovations from the components to the cables deliver a power supply unit fit for any and every type of PC. The 100% Japanese capacitors, half-bridge LLC resonant convertor, and DC-DC circuitry deliver a product that even the pros can respect, at 550, 650, 750, and 850 watt levels. Now available with white casing and cables.

SPECIFICATIONS

| | | |
|------------------------|--|----|
| Product Name | V650 Gold - v2 | |
| Item Code | MPY-650V-AFBAG | |
| ATX Version | ATX 12V Ver. 2.52 | |
| PFC | Active PFC | |
| Input Voltage | 100-240V | |
| Input Current | 9-4.5A | |
| Input Frequency | 50-60Hz | |
| Dimensions (L x W x H) | 160 x 150 x 86mm | |
| Fan Size | 135mm | |
| Fan Bearing | FDB | |
| Fan Speed | 1500 RPM | |
| Noise @ 20% | 0 dBA | |
| Noise @ 50% | 18.3 dBA | |
| Noise @ 100% | 32.1 dBA | |
| Efficiency | 90% @ Typical Load | |
| 80 PLUS Rating | 80 PLUS Gold | |
| ErP 2014 Lot 3 | Yes | |
| Operating Temperature | 0-50°C | |
| Power Good Signal | 100-500ms | |
| Hold Up Time | 17ms | |
| MTBF | >100,000 hours | |
| Protections | OVP / OPP / SCP / OCP / UVP / OTP | |
| Regulatory | CCC, CE, TUV-RH, RCM, EAC, cTUVus, FCC, BSMI, KC, CB | |
| Connectors | ATX 24 Pin | x1 |
| | EPS 4+4 Pin | x1 |
| | EPS 8 Pin | x1 |
| | SATA | x8 |
| | Peripheral 4 Pin | x4 |
| | FDD | x0 |
| | PCI-e 6+2 Pin | x4 |

| AC INPUT | 100-240V~ 9-4.5A 50-60Hz | | | | |
|-------------|--------------------------|-----|------|------|--------|
| DC OUTPUT | +3.3V | +5V | +12V | -12V | +5Vstb |
| | 20A | 20A | 54A | 0.3A | 3A |
| TOTAL POWER | 130W | | 648W | 3.6W | 15W |
| | 650W | | | | |

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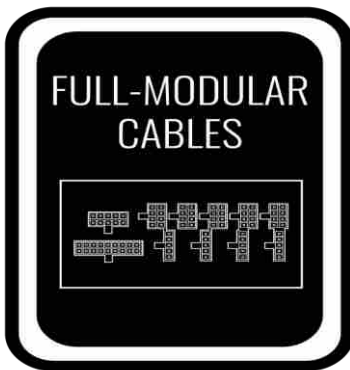
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