



Make It Yours.

MWE 500 BRONZE V2

MPE-5001-ACAAB

POWER UP



FEATURES

DC-to-DC Technology : The DC-to-DC + LLC circuit design offers reliable, stable output to all connected components.

120mm HDB Fan : The hydro dynamic fan bearing creates less friction, making it great for low RPM operations.

80 PLUS Bronze Efficiency : This certification guarantees a typical efficiency of 85% under normal operating conditions.

Flat Black Cables : The flat cables take up less space and are easier to manipulate within the chassis.

5 Year Warranty : This unit comes with a standard limited manufacturing warranty of 5 years from the date of purchase.

PACKAGE INFORMATION

| Cable Type | EAN | UPC |
|------------|---------------|--------------|
| AU | 4719512082324 | 884102054815 |
| BR | 4719512082331 | 884102054822 |
| EU | 4719512082300 | 884102054792 |
| JP | 4719512082362 | 884102054853 |
| KR | 4719512082348 | 884102054839 |
| ST | 4719512082317 | 884102054808 |
| TW | 4719512082355 | 884102054846 |
| UK | 4719512082294 | 884102054785 |
| US | 4719512082287 | 884102054778 |
| IN | 4719512082379 | 884102054860 |

| | |
|--------------------|---|
| Nett Weight | 1.552 kg / 3.422 lb |
| Gross Weight | 1.97 kg / 4.343 lb |
| Package Dimensions | 260 x 190 x 110mm (10.24 x 7.48 x 4.33") |
| Carton Dimensions | 570 x 275 x 215mm (22.44 x 10.83 x 8.46") |
| Unit / Carton | 5 pcs |
| Carton / Pallet | 32 pcs |

The MWE Bronze offers 80 Plus Bronze certification, guaranteeing an average efficiency of 85% at typical load. The DC-to-DC + LLC circuit design allows the unit to convert power to components reliably, efficiently, and safely for better overall performance. This unit operates in silent mode during low load functions and while in standby mode. Not only does this waste less power but it also creates a quieter overall user experience by not running the fan at maximum noise level when unneeded for safe operation. Discrete flat, black cables give users the ability to manage cabling easily with minimal space lost.

SPECIFICATIONS

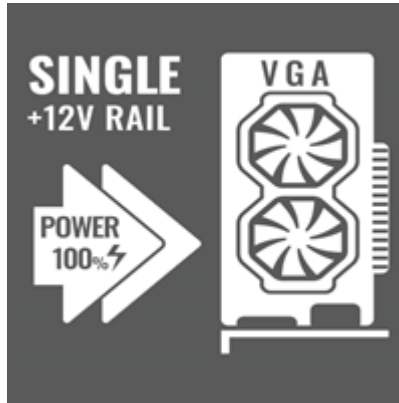
| | | |
|------------------------|--|----|
| Product Name | MWE 500 Bronze V2 | |
| Item Code | MPE-5001-ACAAB | |
| ATX Version | ATX 12V Ver. 2.52 | |
| PFC | Active PFC | |
| Input Voltage | 100-240V | |
| Input Current | 8-4A | |
| Input Frequency | 50-60Hz | |
| Dimensions (L x W x H) | 140 x 150 x 86mm | |
| Fan Size | 120 | |
| Fan Bearing | HDB | |
| Fan Speed | 1500 RPM | |
| Noise @ 20% | 10.97dB-A | |
| Noise @ 50% | 10.7dB-A | |
| Noise @ 100% | 25.3dB-A | |
| Efficiency | 85% Typically | |
| 80 PLUS Rating | 80 PLUS Bronze | |
| ErP 2014 Lot 3 | Yes | |
| Operating Temperature | 40°C | |
| Power Good Signal | 100 - 500 ms | |
| Hold Up Time | >18ms at 100% full load@230Vac | |
| MTBF | >100,000 hours | |
| Protections | OVP / OPP / SCP / UVP / OTP | |
| Regulatory | CCC, CE, TUV-RH, RCM, EAC, cTUVus, FCC, BSMI, KC, CB | |
| Connectors | ATX 24 Pin | x1 |
| | EPS 4+4 Pin | x1 |
| | SATA | x6 |
| | Peripheral 4 Pin | x4 |
| | PCI-e 6+2 Pin | x2 |

| AC INPUT | 100-240V~ 8-4A 50-60Hz | | | | |
|-------------|------------------------|-----|--------|------|--------|
| DC OUTPUT | +3.3V | +5V | +12V | -12V | +5Vstb |
| | 20A | 20A | 41.6A | 0.3A | 3A |
| TOTAL POWER | 120W | | 499.2W | 3.6W | 15W |
| | 500W | | | | |

FEATURES



The DC-to-DC + LLC circuit design offers reliable, stable output to all connected components.



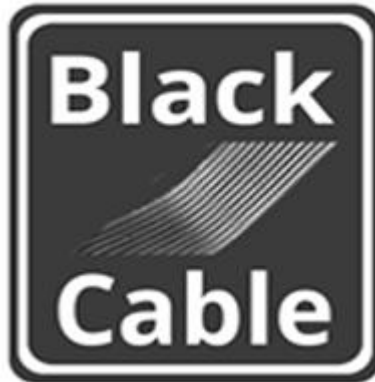
All power comes from a single +12V source, ensuring consistent output through all connected cables.



The hydro dynamic fan bearing creates less friction, making it great for low RPM operations.



This certification guarantees a typical efficiency of 85% under normal operating conditions.



The flat cables take up less space and are easier to manipulate within the chassis.



This unit comes with a standard limited manufacturing warranty of 5 years from the date of purchase.