



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.

**Silent Mode :** The 120mm HDB fan will remain completely silent during low load operations and while in standby mode.

**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

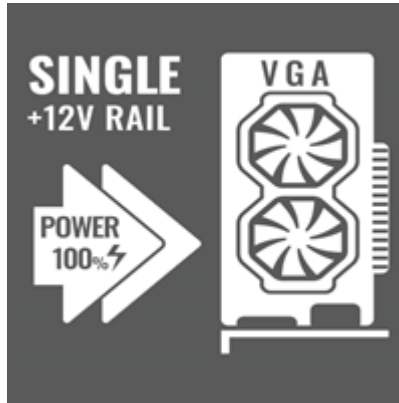
Product Name	MWE 500 Bronze V2										
Item Code	MPE-5001-ACAAB										
ATX Version	ATX 12V Ver. 2.52										
PFC	Active PFC										
Input Voltage	100-240V										
Input Current	8-4A										
Input Frequency	50-60Hz										
Dimensions (L x W x H)	140 x 150 x 86mm										
Fan Size	120										
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	<table border="1"> <tbody> <tr> <td>ATX 24 Pin</td> <td>x1</td> </tr> <tr> <td>EPS 4+4 Pin</td> <td>x1</td> </tr> <tr> <td>SATA</td> <td>x6</td> </tr> <tr> <td>Peripheral 4 Pin</td> <td>x4</td> </tr> <tr> <td>PCI-e 6+2 Pin</td> <td>x2</td> </tr> </tbody> </table>	ATX 24 Pin	x1	EPS 4+4 Pin	x1	SATA	x6	Peripheral 4 Pin	x4	PCI-e 6+2 Pin	x2
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.



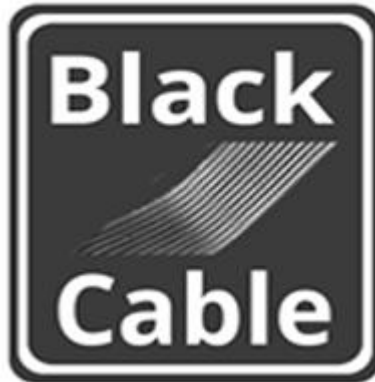
All power comes from a single +12V source, ensuring consistent output through all connected cables.



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.