



Make It Yours.

# MWE 450 BRONZE V2

## MPE-4501-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	4719512082171	884102054662
BR	4719512082188	884102054679
EU	4719512082157	884102054648
JP	4719512082218	884102054709
KR	4719512082195	884102054686
ST	4719512082164	884102054655
TW	4719512082201	884102054693
UK	4719512082140	884102054631
US	4719512082133	884102054624
IN	4719512082225	884102054716

Nett Weight	1.514 kg / 3.338 lb
Gross Weight	1.932 kg / 4.259 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

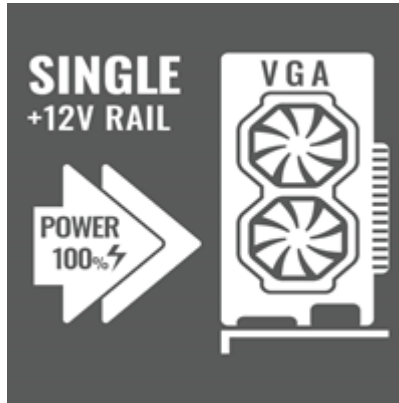
Product Name	MWE 450 Bronze V2	
Item Code	MPE-4501-ACAAB	
ATX Version	ATX 12V Ver. 2.52	
PFC	Active PFC	
Input Voltage	100-240V	
Input Current	8 - 4A	
Input Frequency	50-60Hz	
Dimensions (L x W x H)	140 x 150 x 86mm	
Fan Size	120	
Fan Bearing	HDB	
Fan Speed	1500 RPM	
Noise @ 20%	10.1dB-A	
Noise @ 50%	15.8dB-A	
Noise @ 100%	28.2dB-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	37.5A	0.3A	3A
TOTAL POWER	120W		450W	3.6W	15W
	450W				

## FEATURES



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



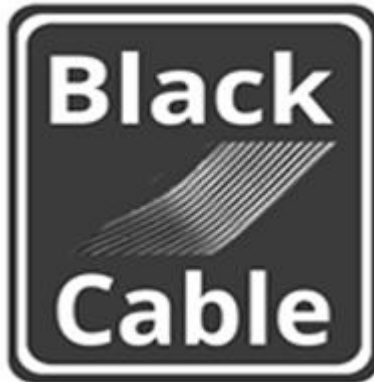
All power comes from a single +12V source, ensuring consistent output through all connected cables.



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.