



Make It Yours.

# MWE 650 BRONZE V2

## MPE-6501-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	4719512081570	884102054068
BR	4719512081587	884102054075
EU	4719512081556	884102054044
JP	4719512081617	884102054105
KR	4719512081594	884102054082
ST	4719512081563	884102054051
TW	4719512081600	884102054099
UK	4719512081549	884102054037
US	4719512081532	884102054020
IN	4719512081624	884102054112

Nett Weight	1.696 kg / 3.739 lb
Gross Weight	2.114 kg / 4.661 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

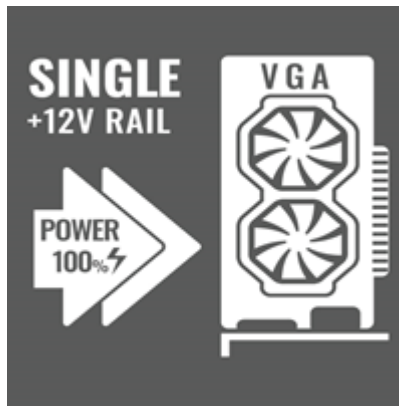
Product Name	MWE 650 Bronze V2	
Item Code	MPE-6501-ACAAB	
ATX Version	ATX 12V Ver. 2.52	
PFC	Active PFC	
Input Voltage	100 - 240V	
Input Current	10 - 5A	
Input Frequency	50 - 60Hz	
Dimensions (L x W x H)	140 x 150 x 86mm	
Fan Size	120	
Fan Bearing	HDB	
Fan Speed	2400 RPM	
Noise @ 20%	11.06dB-A	
Noise @ 50%	22.3dB-A	
Noise @ 100%	41.3dB-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
	EPS 8 Pin	x1
	SATA	x8
	Peripheral 4 Pin	x4
	PCI-e 6+2 Pin	x4

AC INPUT	100 - 240V~ 10 - 5A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	54A	0.3A	3A
TOTAL POWER	120W		648W	3.6W	15W
	650W				

## FEATURES



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



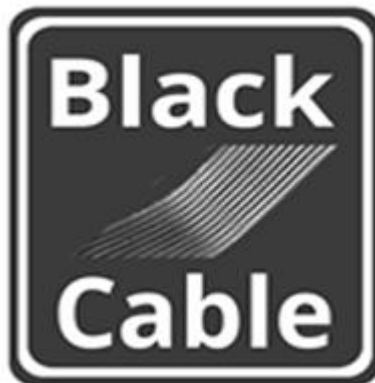
All power comes from a single +12V source, ensuring consistent output through all connected cables.



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.