



Make It Yours.

MWE 450 WHITE 230V V2

MPE-4501-ACABW

POWER UP



The MWE White offers 80 Plus Standard certification, guaranteeing an average efficiency of 85% at typical load. The DC-to-DC + LLC circuit design allows the unit to convert power from the single +12V rail reliably, efficiently, and safely for a better overall user experience. The thermally sensitive HDB fan cools based on temperature, adjusting constantly as the system's needs change. 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 not needed. For a great entry level computing experience, choose the MWE White.

FEATURES

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

120mm HDB Fan : The 120mm HDB fan employs responsive fanspeed control, limiting noise to specific cooling requirements during use.

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

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

3 Year Warranty : This unit comes with a standard limited manufacturing warranty of 3 years from the date of purchase.

PACKAGE INFORMATION

Cable Type	EAN	UPC
AU	4719512080320	884102052811
BR	4719512080337	884102052828
EU	4719512080306	884102052798
JP	4719512080368	884102052859
KR	4719512080344	884102052835
ST	4719512080313	884102052804
TW	4719512080351	884102052842
UK	4719512080290	884102052781
US	4719512080283	884102052774

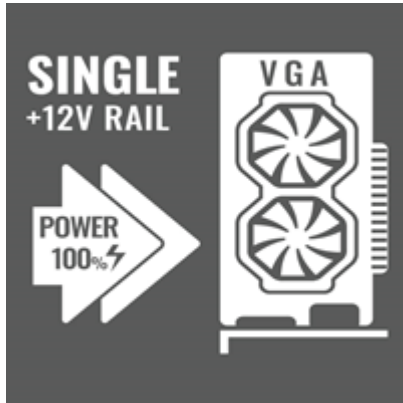
Nett Weight	1.337 kg / 2.948 lb
Gross Weight	1.375 kg / 3.031 lb
Package Dimensions	245 x 190 x 110mm (9.65 x 7.48 x 4.33")
Carton Dimensions	570 x 260 x 215mm (22.44 x 10.24 x 8.46")
Unit / Carton	5 pcs
Carton / Pallet	32 pcs

SPECIFICATIONS

Product Name	MWE 450 White 230V V2	
Item Code	MPE-4501-ACABW	
ATX Version	Intel ATX 12V V2.52	
PFC	Active PFC	
Input Voltage	200-240V	
Input Current	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%	11.18dB-A	
Noise @ 50%	17.1dB-A	
Noise @ 100%	29.5dB-A	
Efficiency	85% Typically	
80 PLUS Rating	80 PLUS Standard 230V EU	
ErP 2014 Lot 3	Yes	
Operating Temperature	40°C	
Power Good Signal	100 -500ms	
Hold Up Time	>14ms 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	x3
	PCI-e 6+2 Pin	x2

AC INPUT	200-240V~ 4A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	15A	15A	37A	0.3A	3A
TOTAL POWER	100W		444W	3.6W	15W
	450W				

FEATURES



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



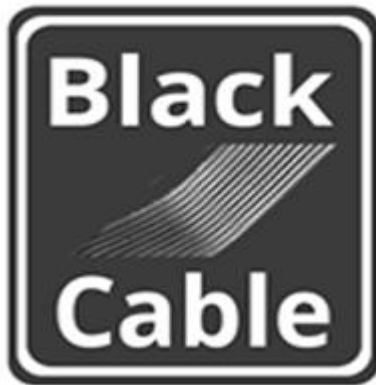
The 120mm HDB fan employs responsive fanspeed control, limiting noise to specific cooling requirements during use.



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



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 3 years from the date of purchase.