

POWER EVOLVED



Introducing the MWE Bronze V3 230V, the evolutionary next step in Cooler Master power and the ATX 3.1 upgrade to our MWE Bronze V2 PSU. With features such as 80 Plus Bronze efficiency, a DC-to-DC + LLC circuit design, and a quiet HDB fan cooling, the V3 provides valuable performance in multiple dimensions.

Several changes and additions improve the overall user experience. Together, these design choices deliver an advanced PSU that is highly efficient and reliable. With an embossed cable, exceptional temperature resilience and a 5-year warranty, the MWE Bronze V3 will evolve your machine.

MWE BRONZE 750 V3 230V

Quiet HDB fan: A hydrodynamic bearing fan delivers long-lasting quiet and effective cooling.

80 Plus Bronze efficiency certification: This unit is certified to achieve more than 88% efficiency at typical loads in a 230V test.

High temperature resilience: A 40°C maximum operating temperature allows for pushing your machine to the limits with overclocking and other high-intensity applications.

Embossed cable: An embossed cable texture provides a softer and overall improved grip with a pleasing aesthetic.

ATX 3.1 support: Compliant with ATX 3.1 to fully support a peak power 1.5 times higher than the rated maximum wattage, this unit is ideal for use with the 40 series GPUs.

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

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

2 EPS Connectors: Two 4-pin EPS connectors are included for universal compatibility with current-gen motherboards.

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



FEATURE HIGHLIGHTS



Quiet HDB fan

A hydrodynamic bearing fan delivers long-lasting quiet and effective cooling.



High temperature resilience

A 40°C operating temperature allows for pushing your machine to the limits.



80 Plus Bronze efficiency certification

Certified to achieve more than 88% efficiency at typical loads in a 230V test.



Embossed cable

An embossed cable texture provides a softer and overall improved grip with a pleasing aesthetic.



5-year warranty

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ATX 3.1 support

After passing the ATX 3.1 peak power test, this unit is 40 series ready.

SPECIFICATIONS

Product Name	MWE Bronze 750 V3 230V			
Item Code	MPE-7501-ACABW-3B			
ATX Version	ATX 12V Ver. 3.1			
PFC	Active PFC			
Input Voltage	200 - 240V			
Input Current	6A			
Input Frequency	50 - 60Hz			
Dimensions (L x W x H)	140 x 150 x 86mm			
Fan Size	120 mm			
Fan Bearing	HDB			
Efficiency	≥ 88% @ Typical Load			
80 PLUS Rating	80 PLUS Bronze			
ErP 2014 Lot 3	Yes			
Operating Temperature	0 ~ 40°C			
Power Good Signal	100 - 150ms			
Hold Up Time	≥ 16ms			
MTBF	>100,000 hours @ 25°C ambient			
Protections	UVP / OVP / OPP / OTP / SCP			
Regulatory	TUV, CE, FCC, CCC, EAC, RCM, UKCA, RoHS2.0 / BIS, KC (based on region's request.)			
Connectors	ATX 24 Pin	x1 = 1x (500mm)		
	EPS 8Pin / 4+4 Pin	x2 = 1x (550+120mm)		
	SATA	x6 = 2x (400+150+150mm)		
	Peripheral 4 Pin	x3 = 1x (400+150+150mm)		
	PCI-e 6+2 Pin	x4 = 2x (500+120mm)		

AC INPUT	200-240V~ 6A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	62A	0.3A	3A
TOTAL POWER	120W		744W	3.6W	15W
	750W				

PACKING INFORMATION

Cable Type	EAN	UPC
MPE-7501-ACABW-3BUK	4719512145333	884102117657
MPE-7501-ACABW-3BEU	4719512145340	884102117664
MPE-7501-ACABW-3BST	4719512145357	884102117671
MPE-7501-ACABW-3BAU	4719512145364	884102117688
MPE-7501-ACABW-3BBR	4719512145371	884102117695
MPE-7503-ACABW-3BKR	4719512150641	884102122965
MPE-7501-ACABW-3BIN	4719512145395	884102117718
MPE-7501-ACABW-3BTH	4719512145401	884102117725

Net Weight	1.75 kg / 3.8581 lb
Gross Weight	2.15 kg / 4.7421 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

- All images and descriptions are solely for example purposes.
- Specifications, features, and prices are subject to change without notice.
- Specifications, appearances, and features may vary by model and region. Please refer to official specification pages for full details.
- Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.
- Any configuration other than original product configuration is not performance guaranteed.