POWER EVOLVED



Introducing the MWE Bronze V3, 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 550 V3

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 85% efficiency at typical loads in a 115V 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.



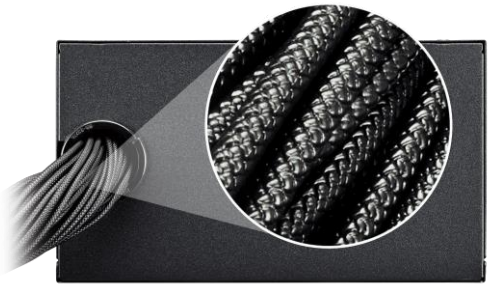
High temperature resilience

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



80 Plus Bronze efficiency certification

Certified to achieve more than 85% efficiency at typical loads in a 115V test.



Embossed cable

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



5-year warranty

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



ATX 3.1 support

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

SPECIFICATIONS

Product Name		MWE Bronze 550 V3
Item Code		MPE-5501-ACAAW-3B
ATX Version		ATX 12V Ver. 3.1
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 mm
Fan Bearing		HDB
Efficiency		≥ 85% @ Typical Load
80 PLUS Rating		80 PLUS Bronze
ErP 2014 Lot 3		Yes
Operating Temperature		0 ~ 40℃
Power Good Signal		100 - 150ms
Hold Up Time		≥ 16ms
MTBF		>100,000 hours @ 25℃ ambient
Protections		UVP / OVP / OPP / OTP / SCP
Regulatory		cTUVus,TUV, CE, FCC, BSMI, 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	x2 = 1x (500+120mm)

AC INPUT	100-240V~ 8 - 4A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	17A	17A	45A	0.3A	3A
TOTAL POWER	110W		540W	3.6W	15W
			550W		

PACKING INFORMATION

Cable Type	EAN	UPC
MPE-5501-ACAAW-3BUS	4719512145456	884102117770
MPE-5501-ACAAW-3BUK	4719512145463	884102117787
MPE-5501-ACAAW-3BEU	4719512145470	884102117794
MPE-5501-ACAAW-3BST	4719512145487	884102117800
MPE-5501-ACAAW-3BAU	4719512145494	884102117817
MPE-5501-ACAAW-3BBR	4719512145500	884102117824
MPE-5501-ACAAW-3BTW	4719512145524	884102117848
MPE-5501-ACAAW-3BJP	4719512145531	884102117855
MPE-5501-ACAAW-3BIN	4719512145548	884102117862
MPE-5501-ACAAW-3BTH	4719512145555	884102117879

Net Weight	1.45 kg / 3.196 lb
Gross Weight	1.85 kg / 4.080 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.