



LEVEL UP YOUR POWER



Introducing the MWE Gold V2 ATX 3.1, the evolutionary next step in Cooler Master power.

With features such as 80 Plus Gold efficiency, ATX 3.1 support, and a highly durable 12V-2x6 adapter cable, the MWE Gold V2 is a majorly powerful upgrade.

Several changes and additions improve the overall user experience. Together, these design choices deliver a top-tier PSU that is highly efficient and reliable.

With an ultra-quiet HDB fan, exceptional temperature resilience, 2 EPS connectors, fully modular cabling, and a 5-year warranty, the MWE Gold V2 will level up your set up.

MWE Gold 850 V2 ATX 3.1

80 Plus Gold efficiency certification: This unit is certified to achieve more than 90% efficiency at typical loads.

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

High temperature resilience

An upgraded 50°C maximum operating temperature allows for pushing your machine to the limits with overclocking and other high-intensity applications.

ATX 3.1 support & a durable 12V-2x6 cable: Includes ATX 3.1 support and a 90-degree 12+4pin (12V-2x6) PCIe 5.1 cable featuring enhanced durability, and improved safety.

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

Fully modular cabling: Efficiently reduces clutter, increases airflow, and improves overall efficiency and thermal performance.

Enhanced 12+4PIN terminal structure:

Enhanced terminal thickness and better contact design reduce impedance, improve insertion/extraction force performance, and achieve lower temperature.

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



FEATURE HIGHLIGHTS



Ultra-quiet HDB fan

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



High temperature resilience

A 50°C operating temperature allows for pushing your machine to the limits.



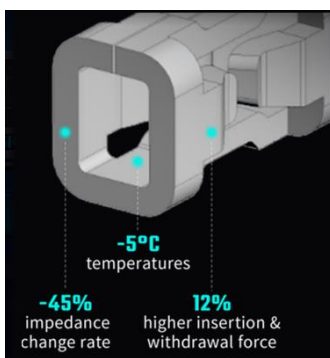
80 Plus Gold efficiency certification

Certified to achieve more than 90% efficiency at typical loads.



Fully modular cabling

Modular cabling reduces clutter and improves overall thermal performance.



Enhanced 12+4PIN terminal structure

The upgraded connector design features higher electrical durability, lower temperature and improved safety.



A durable 12V-2x6 adapter cable

An advanced thermal structure with three 8-pin connectors provides improved safety.

SPECIFICATIONS

Product Name	MWE Gold 850 V2 ATX 3.1		
Item Code	MPE-8501-AFAAG-3E**		
ATX Version	ATX 12V Ver. 3.1		
PFC	Active PFC		
Input Voltage	100 - 240V		
Input Current	12 - 6A		
Input Frequency	50 - 60Hz		
Dimensions (L x W x H)	160 x 150 x 86mm		
Fan Size	120 mm		
Fan Bearing	HDB		
Efficiency	≥ 90% @ Typical Load		
80 PLUS Rating	80 PLUS Gold		
ErP 2014 Lot 3	Yes		
Operating Temperature	0 ~ 50°C		
Power Good Signal	100 - 150ms		
Hold Up Time	≥ 16ms		
MTBF	>100,000 hours		
Protections	UVP / OVP / OPP / OTP / SCP / OCP		
Regulatory	TUV, CE, CCC, EAC, RCM, cTUVus, FCC, BSMI, BIS, UKCA		
Connectors	ATX 24 Pin	x1 = 1x (610mm)	
	EPS 4+4 Pin	x1 = 1x (600mm)	
	EPS 8 Pin	x1 = 1x (650mm)	
	SATA	x12 = 3x (500+120+120+120mm)	
	Peripheral 4 Pin	x4 = 1x (500+120+120+120mm)	
	PCI-e 6+2 Pin	x4 = 2x (550+120mm)	
	1 to 3 12V-2x6 adapter cable	x1 = 1x (650mm)	

AC INPUT	100-240V~ 12 - 6A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	70.8A	0.3A	3A
TOTAL POWER	100W		849.6W	3.6W	15W
	850W				

PACKING INFORMATION

Cable Type	EAN	UPC
MPE-8501-AFAAG-3EU2	4719512152683	884102125003
MPE-8501-AFAAG-3EUK	4719512152690	884102125010
MPE-8501-AFAAG-3EEU	4719512152706	884102125027
MPE-8501-AFAAG-3EST	4719512152713	884102125034
MPE-8501-AFAAG-3EAU	4719512152720	884102125041
MPE-8501-AFAAG-3EBR	4719512152737	884102125058
MPE-8501-AFAAG-3EKR	4719512152744	884102125065
MPE-8501-AFAAG-3ETW	4719512154625	884102126949
MPE-8501-AFAAG-3EJP	4719512152751	884102125072
MPE-8501-AFAAG-3EIN	4719512152768	884102125089
MPE-8501-AFAAG-3EWO	4719512152775	884102125096

Net Weight	2.62 kg / 5.7761 lb
Gross Weight	2.9 kg / 6.3934 lb
Package Dimensions	310 x 194 x 120mm (12.2 x 7.64 x 4.72")
Carton Dimensions	620 x 325 x 220mm (24.41 x 12.8 x 8.66")
Unit / Carton	5 pcs
Carton / Pallet	16 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.