



# LEVEL UP YOUR POWER



## Introducing the MWE Gold V2 ATX 3.0

Ready, the evolutionary next step in Cooler Master power. With features such as 80 Plus Gold efficiency, ATX 3.0 support, and a highly durable 12VHPWR 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 3.0

**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 3.0 support & a durable 12VHPWR cable:** Includes ATX 3.0 support and a 90-degree 12+4pin (12VHPWR) PCIe 5.0 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.



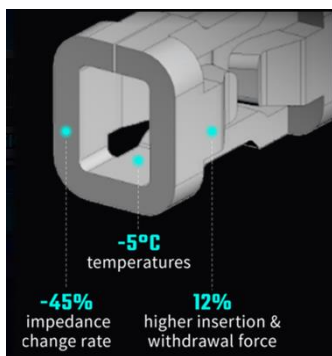
## 80 Plus Gold efficiency certification

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.



**HIGHLY FLEXIBLE**

## A durable 12VHPWR adapter cable

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

## SPECIFICATIONS

Product Name	MWE Gold 850 V2 ATX 3.0 Ready	
Item Code	MPE-8501-AFAAG-3	
ATX Version	ATX 12V Ver. 3.0	
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 12VHPWR adapter cable	x1 = 1x (650mm)

AC INPUT	100-240V~ 10 - 5A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	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-3US	4719512142547	884102114861
MPE-8501-AFAAG-3U2	4719512142554	884102114878
MPE-8501-AFAAG-3UK	4719512142561	884102114885
MPE-8501-AFAAG-3EU	4719512142578	884102114892
MPE-8501-AFAAG-3ST	4719512142585	884102114908
MPE-8501-AFAAG-3AU	4719512142592	884102114915
MPE-8501-AFAAG-3BR	4719512142608	884102114922
MPE-8501-AFAAG-3KR	4719512142615	884102114939
MPE-8501-AFAAG-3JP	4719512142622	884102114946
MPE-8501-AFAAG-3IN	4719512142639	884102114953
MPE-8501-AFAAG-3WO	4719512142646	884102114960

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.