



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 750 V2 ATX 3.0 Ready

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.

High-quality Japanese capacitors: High-quality Japanese capacitors feature reduced ripple noise and enhanced reliability.

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.



High-quality Japanese capacitors

Large, high-quality Japanese capacitors feature reduced ripple noise and enhanced reliability.



HIGHLY FLEXIBLE

A durable 12VHPWR adapter cable

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

SPECIFICATIONS

Product Name	MWE Gold 750 V2 ATX 3.0 Ready	
Item Code	MPE-7501-AFAAG-3	
ATX Version	ATX 12V Ver. 3.0	
PFC	Active PFC	
Input Voltage	100 - 240V	
Input Current	10 - 5A	
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	62.5A	0.3A	3A
TOTAL POWER	100W		750W	3.6W	15W
	750W				

PACKING INFORMATION

Cable Type	EAN	UPC
MPE-7501-AFAAG-3US	4719512142240	884102114564
MPE-7501-AFAAG-3U2	4719512142257	884102114571
MPE-7501-AFAAG-3UK	4719512142264	884102114588
MPE-7501-AFAAG-3EU	4719512142271	884102114595
MPE-7501-AFAAG-3ST	4719512142288	884102114601
MPE-7501-AFAAG-3AU	4719512142295	884102114618
MPE-7501-AFAAG-3BR	4719512142301	884102114625
MPE-7501-AFAAG-3KR	4719512142318	884102114632
MPE-7501-AFAAG-3JP	4719512142325	884102114649
MPE-7501-AFAAG-3IN	4719512142332	884102114656

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.