



BUILT TO LAST



The MWE Gold V3 brings a new standard of durability and efficiency to Cooler Master's lineup of power supply units. This 80 Plus Gold certified unit can achieve Titanium level efficiency at light loads in a 115V test.

With an APFC half bridge LLC and DC-to-DC design, the MWE Gold V3 has achieved an 80 Plus Gold efficiency certification with top-tier performance. A smart thermal control mode and a zero-RPM default mode reduces noise and improves heat dissipation. Combined with an ATX 3.1 12V-2x6 native cable featuring a space-saving, durable 90-degree connector, the MWE Gold V3 is a powerhouse.

MWE Gold 750 V3

ATX 3.1

Exceptional efficiency

This 80 Plus Gold certified unit can achieve Titanium level efficiency at light loads in a 115V test.

Advanced thermal performance

A hexagonal fan cover with a maximum 80% airflow intake and a synchronous rectifier dedicated heat sink provide enhanced thermal performance.

ATX 3.1 support & a durable 12V-2x6 cable

Includes ATX 3.1 support and a 90-degree 12+4pin (12V-2x6) cable featuring lower temperatures, enhanced durability, and improved safety.

Smart thermal control mode

Fan speed is automatically adjusted according to the PSU's operating temperature.

Silent fan performance with a zero-RPM mode

This unit defaults to zero fan spin, providing silent fan performance.

Japanese-designed main capacitor

A large, high-quality Japanese main capacitor feature reduced ripple noise and enhanced reliability.

Fully modular cabling

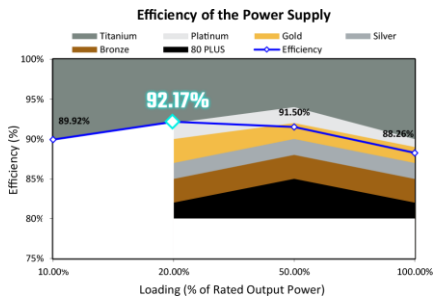
Efficiently reduces clutter, increases airflow, and improves overall efficiency and thermal performance.

10-year warranty

This unit comes with a standard limited manufacturing warranty of 10 years from the date of purchase.

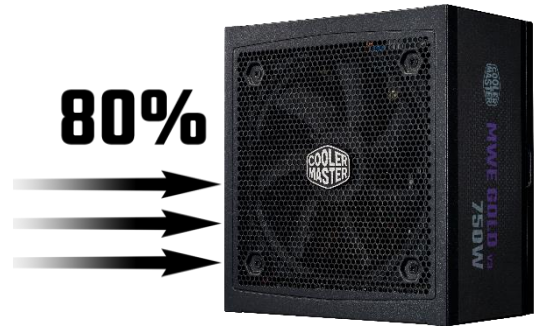


FEATURE HIGHLIGHTS



Exceptional efficiency

Can achieve 80 Plus Titanium level efficiency during general use.



Advanced thermal performance

An airflow maximum of 80% from the hexagonal fan cover enhances thermal performance.



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.



Silent and smart performance

Zero-RPM default mode below 40% loads.





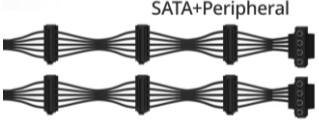
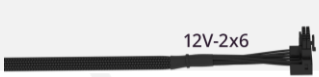


A durable 12V-2x6 cable

An advanced thermal structure and flexible cable provide improved safety.

SPECIFICATIONS

Product Name	MWE Gold 750 V3 ATX 3.1
Item Code	MPX-7503-AFAG-2***
ATX Version	ATX 12V Ver. 3.1
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	120mm
Fan Bearing	HDB
Fan Speed	2500 rpm
Efficiency	≥ 90% @ Typical Load
80 PLUS Rating	80 PLUS Gold
ErP 2014 Lot 3	Yes
Operating Temperature	0 ~ 40°C
Power Good Signal	100-150 ms
Hold Up Time	≥ 16ms @80%Load
MTBF	>100,000 hours
Protections	OPP/ OVP/ OTP/ OCP/ SCP/ UVP/ Surge & Inrush Protection
Regulatory	cTUVus, TUV, CE, FCC, BSMI, CCC, EAC, RCM, UKCA, RoHS2.0 / BIS, KC (based on region's request.)

Connectors		x1 = 1x (550mm)
		x1 = 1x (600mm)
		x1 = 1x (600mm)
		x4 = 2x (500+120mm)
		x6 (SATA) / x2 Peripheral) = 2x (500(s)+120(s)+120(s)+120(p)mm)
		x1 = 1x (650mm)

AC INPUT	100-240V~ 10 - 5A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	62.5A	0.3A	3A
TOTAL POWER	120W		750W	3.6W	15W
	750W				

PACKING INFORMATION

Cable Type	EAN	UPC
MPX-7503-AFAG-2BUV	--	884102119248
Net Weight	2.582 kg / 5.692 lb	
Gross Weight	2.972 kg / 6.552 lb	
Package Dimensions	320 x 195 x 125mm (12.59 x 7.68 x 4.92")	
Carton Dimensions	520 x 335 x 231mm (20.47 x 13.18 x 9.09")	
Unit / Carton	4 pcs	
Carton / Pallet	24 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.