MWE GOLD 550 V3
ATX 3.1 Non-Modular

Introducing the MWE Gold V3, the evolutionary next step in Cooler Master power and the ATX 3.1 upgrade to our G Gold PSU. With features such as 80 Plus Gold 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 Gold V3 will evolve your machine.

FEATURES

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

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

SPECIFICATIONS

Product Name	MWE GOLD 550 V3 ATX 3.1 Non-Modular
Product Number	MPE-5502-ACAAG-3B**
ATX Version	ATX 12V Ver. 3.1
PFC	Active PFC
Input Voltage	100 − 240V
Input Current	8 − 4A
Input Frequency	50 − 60Hz
Dimension (L x W x H)	140 x 150 x 86 mm
Fan Size	120 mm
Fan Bearing	HDB
Fan Speed	1800 RPM
Efficiency	≥ 90% @ Typical Load
80 PLUS Rating	80 PLUS GOLD
ErP 2014 Lot 3	Yes
Operating Temperature	0 ~ 40℃
Power Good Signal	100 − 150ms
Hold Up Time	≥ 16ms @ 80% Load
MTBF	>100,000 hours @ 25℃ ambient
Protections	UVP / OVP / OPP / OTP / SCP / OCP
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 8 Pin / 4+4 Pin	x2 = 1x (550+120mm)
	PCI-e 6+2 Pin	x2 = 1x (500+120mm)
	SATA	x6 = 2x (400+150+150mm)
	Peripheral 4 Pin	x3 = 1x (400+150+150mm)

AC INPUT	100 - 240V~ , 8 - 4A , 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	45.8A	0.3A	3A
TOTAL POWER	120W		549.6W	3.6W	15W
	550W				

SHIPPING DETAILS

Net Weight	1566g	
Gross Weight	1980g	
Packaging dimension (L x W x H)	260 x 190 x110mm	
Carton Dimension (L x W x H)	57 x 27.5 x 21.5 cm / 22.44 x 10.83 x 8.46 inch	
Unit / Pallet	120pcs	
Container 20 feet	With Pallet	2400pcs
	Carton / Pallet	24pcs
	Without Pallet	/
Container 40 feet	With Pallet	5280pcs
	Carton / Pallet	24pcs
	Without Pallet	/
Container 40 HQ	With Pallet	5280pcs
	Carton / Pallet	24pcs
	Without Pallet	/