



Make It Yours.

MWE GOLD 650 - V2 (FULL MODULAR)

MPE-6501-AFAAG

FULL MODULAR 80 PLUS GOLD CERTIFIED ATX POWER SUPPLY



MWE Gold -V2 (Full Modular) is the next step in the evolution of Cooler Master's entry level 80 PLUSGold power offerings. The intention was not to create a new product but to improve a current one to be even more useful to consumers. The design changes implemented in this iteration of the MWG Gold were based on user feedback and demand. New things were added or changed to make the user experience better and simpler. Together, these design choices deliver a great entry level power supply option complete with high efficiency, reliability, simplicity, and a competitive price point.

FEATURES

Highly Efficient Performance : The 80 PLUS Gold certification guarantees a minimum efficiency of 90% at typical load.

2 EPS Connectors : 2 EPS connectors included with all models for universal current generation motherboard compatibility.

120mm HDB Fan : 120mm Hydro Dynamic Fan bearing for improved cooling and noise reduction.

High Operating Temperature : The MWE Gold - V2 can operate stably at temperatures up to 50 degrees Celsius.

Full Modular Cabling : MWE Gold - V2 comes with full modular flat, black cables for increased airflow.

5 Year Warranty : All MWE Gold - V2 models come with a 5 year factory warranty from purchase date.

PACKAGE INFORMATION

Cable Type	EAN	UPC
US	4719512105566	884102077876
U2	4719512105573	884102077883
UK	4719512105580	884102077890
EU	4719512105597	884102077906
ST	4719512105603	884102077913
AU	4719512105610	884102077920
BR	4719512105627	884102077937
KR	4719512105634	884102077944
JP	4719512105658	884102077968
IN	4719512105665	884102077975
WO	4719512105672	884102077982

Nett Weight	2.17 kg / 4.784 lb
Gross Weight	2.57 kg / 5.666 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

SPECIFICATIONS

Product Name	MWE Gold 650 - V2 (Full Modular)
Item Code	MPE-6501-AFAAG
ATX Version	ATX 12V Ver. 2.41
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	1500 RPM
Noise @ 20%	0 dBA
Noise @ 50%	17.9 dBA
Noise @ 100%	23.4 dBA
Efficiency	90% @ Typical Load
80 PLUS Rating	80 PLUS Gold
ErP 2014 Lot 3	Yes
Operating Temperature	0 ~ 50°C
Power Good Signal	100 - 150 ms
Hold Up Time	>16ms at 100% Load
MTBF	>100,000 hours
Protections	OVP / OPP / OTP / SCP / OCP / UVP
Regulatory	TUV, CE, CCC, EAC, RCM, cTUVus, FCC, BSMI, UKCA
Connectors	ATX 24 Pin x1
	EPS 4+4 Pin x1
	EPS 8 Pin x1
	SATA x8
	Peripheral 4 Pin x4
	PCI-e 6+2 Pin x4

AC INPUT	100-240V~ 10-5A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	54.1A	0.3A	3A
TOTAL POWER	100W		649.2W	3.6W	15W
	650W				

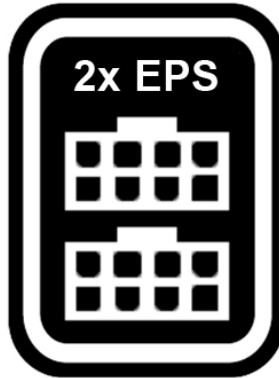
CABLES



FEATURES



The 80 PLUS Gold certification guarantees a minimum efficiency of 90% at typical load.



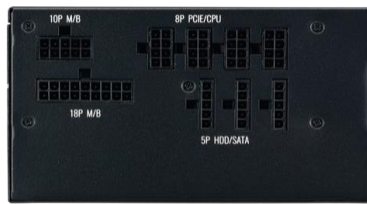
2 EPS connectors included with all models for universal current generation motherboard compatibility.



120mm Hydro Dynamic Fan bearing for improved cooling and noise reduction.



The MWE Gold - V2 can operate stably at temperatures up to 50 degrees Celsius.



Full modular cables take up less space and are easier to manipulate within the chassis.



All MWE Gold - V2 models come with a 5 year factory warranty from purchase date.