



Make It Yours.

MWE GOLD 850 - V2 (FULL MODULAR)

MPE-8501-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 PLUS Gold 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 MWE 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 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	4719512106280	884102078590
U2	4719512106297	884102078606
UK	4719512106303	884102078613
EU	4719512106310	884102078620
ST	4719512106327	884102078637
AU	4719512106334	884102078644
BR	4719512106341	884102078651
KR	4719512106358	884102078668
JP	4719512106372	884102078682
IN	4719512106389	884102078699
WO	4719512106396	884102078705

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 850 - V2 (Full Modular)	
Item Code	MPE-8501-AFAAG	
ATX Version	ATX 12V Ver. 2.41	
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	120mm	
Fan Bearing	HDB	
Fan Speed	1500 RPM	
Noise @ 20%	0 dBA	
Noise @ 50%	17.8 dBA	
Noise @ 100%	25.9 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	x12
	Peripheral 4 Pin	x4
	PCI-e 6+2 Pin	x4

AC INPUT	100-240V~ 12-6A 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				

CABLES



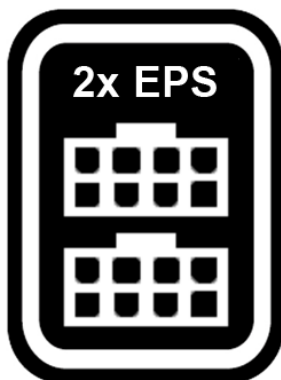


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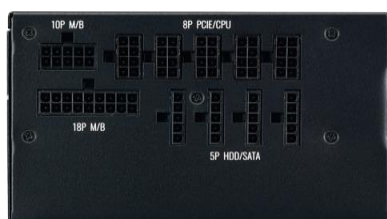
2 EPS connectors included with all models for universal current generation motherboard compatibility.



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.