



Make It Yours.

MWE GOLD 850 - V2

MPE-8501-ACAAG

80 PLUS GOLD CERTIFIED ATX POWER SUPPLY



The MWE Gold -V2 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 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%. Cybenetics ETA Rating: ??.

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 safely at up to 50 degrees.

Flat Black Cables : The flat black cables take up less space and are easier to manipulate and hide within the chassis.

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	4719512105146	884102077456
U2	4719512105153	884102077463
UK	4719512105160	884102077470
EU	4719512105177	884102077487
ST	4719512105184	884102077494
AU	4719512105191	884102077500
BR	4719512105207	884102077517
KR	4719512105214	884102077524
TW	4719512105221	884102077531
JP	4719512105238	884102077548
IN	4719512105245	884102077555

Nett Weight	2.12 kg / 4.674 lb
Gross Weight	2.56 kg / 5.644 lb
Package Dimensions	276 x 194 x 120mm (10.87 x 7.64 x 4.72")
Carton Dimensions	620 x 290 x 220mm (24.41 x 11.42 x 8.66")
Unit / Carton	5 pcs
Carton / Pallet	16 pcs

SPECIFICATIONS

Product Name	MWE Gold 850 - V2	
Item Code	MPE-8501-ACAAG	
ATX Version	ATX 12V Ver. 2.41	
PFC	Active PFC	
Input Voltage	100 - 240V	
Input Current	12 - 6A	
Input Frequency	47-63Hz	
Dimensions (L x W x H)	140 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 47-63Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	70.8A	0.3A	3A
TOTAL POWER	120W		850W	3.6W	15W
	850				



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2 EPS connect



Flat black cab

