



Make It Yours.

MWE GOLD 650 FULL MODULAR

BE BOLD, POWER WITH GOLD.



FEATURES

Full Modular Flat Cables: Full modular flat cables are easy to install, reduce clutter, and maximize airflow.

80 PLUS Gold Certified: The 80 PLUS Gold certification guarantees a minimum typical efficiency of 90%.

Durable and silent LDB Bearing : Silencio technology combines sealed LDB bearings with quiet fan blades delivering a long lifetime of quiet cooling.

Proven Thermal Resistance: Engineered to operate at full performance in temperatures up to 45°C, providing reliability in even the hottest environments.

High Efficiency and Stable Output: The MWE Gold's full-bridge design coupled with LLC, Synchronous, and DC to DC topology technologies offers reliable and stable Voltage outputs.

EAN & UPC INFORMATION

Cable type	EAN	UPC
US	4719512069721	884102042232
UK	4719512069738	884102042249
EU	4719512069745	884102042256
ST	4719512069752	884102042263
AU	4719512069769	884102042270
BR	4719512069776	884102042287
KR	4719512069783	884102042294
TW	4719512069790	884102042300
JP	4719512069806	884102042317
WO	4719512069813	884102042324

The MWE Gold offers a highly efficient, affordable power solution with fully modular cabling. Enjoy consistent 90% efficiency with an 80 PLUS Gold certification. Cooler Master's design techniques ensure improved efficiency while maintaining low temperatures and quiet operation. The high quality, heat resistant components maintain gold level performance even at increased temperatures up to 45°C. A near quiet Silencio fan with an exclusive LDB bearing reduces noise and lasts longer than standard fan bearings. Modular cables improve airflow by reducing cable bulk. Be bold, power with gold.

SPECIFICATIONS & PACKAGE INFORMATION

Model	MPY-6501-AFAAG	
Type	ATX 12V V2.31	
PFC	Active PFC (>0.95 typical)	
Input Voltage	100-240V	
Input Current	12-6A	
Input Frequency	50/60Hz	
Dimensions (L x B x H)	160 x 150 x 86mm	
Fan size	120mm	
Fan Bearing	LDB	
Powergood Signal	100 - 500 ms	
Hold Up Time	> 14 ms @ 100% load	
Efficiency	90% Typically	
ErP 2013 Lot 6	Yes	
MTBF	>100,000Hours	
Operating Temperature	0 - 45°C	
Protections	OVP / OPP / UVP / SCP / OTP	
Regulatory	CCC,CE, TUV-SUD, RCM, EAC, cTUVus, FCC, BSMI, KC, CB	
Connectors	MB 24 pin	1x
	CPU 12V 4+4Pin	1x
	SATA	8x
	Peripheral 4 Pin	6x
	FDD Cable 4 Pin	1x
	PCI-e 6+2 Pin	4x

AC INPUT	100-240V~ 12-6A 50/60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5sb
	15A	15A	54.1A	0.3A	2.5A
TOTAL POWER	100W	649.2W	3.6W	12.5W	
	650W				

Net Weight	2.21 kg / 4.87 lb
Gross Weight	2.51 kg /5.53 lb
Package Dimensions	310 x 194 x 120 mm (12.2 x 7.64 x 4.72")
Carton Dimensions	620 x 325 x 220 mm (24.41 x 12.8 x 8.66")
Unit / Carton	5 pcs
Carton / Pallet	16 cartons

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The 80 PLUS Gold certification means the MWE Gold is independently tested with a typical efficiency of 90%.



Silencio technology combines sealed LDB bearings with quiet fan blades delivering a long lifetime of quiet cooling.



The MWE Gold has a full modular design to maximize your building experience. Modular cables means freedom - the freedom to choose the exact cables needed for the build. The MWE Gold has a full modular design to maximize your building experience. Modular