



80 PLUS Bronze Certified Power Supply



Cooler Master's family of power supplies feature a line of stable, quality, 80 Plus Bronze power supplies. The MWE Bronze series is compact and available in outputs suitable for most systems. On top of safety regulations, the MWE Bronze includes Cooler Master's 3 year warranty. Inside, the Silencio fan blades run with less turbulence while sealed LDB bearings are used for longer service life. High quality components keep up with daily power demands, while delivering rated output even at 40°C temperatures cool and quietly.

Features

80 PLUS Bronze - The 80 PLUS Bronze certification guarantees a minimum efficiency of 85% at 50% load.

DC-DC circuit design - The DC-DC circuit design offers you reliable and stable output voltages offering consistent power delivery at 40°C.

Quality capacitors - High quality capacitors for increased lifetime and temperature resistance.

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

Low standby power consumption - The MWE Bronze will consume no more than 0.5W when your PC is in standby mode, complying with ErP 2013 lot 6.

Sleeved cables - Cables are easy to manage and save space for better PC airflow.

Package Information

Net Weight	1.56 kg / 3.44 lb
Gross Weight	2.283 kg / 5.03 lb
Package Dimensions	266 x 194 x 112 mm (10.47 x 7.64 x 4.41")
Carton Dimensions	582 x 279 x 217 mm (22.91 x 10.98 x 8.54")
Unit / Carton	5 pcs
Carton / Pallet	24 cartons

Cable type	EAN	UPC
AU	4719512061428	884102034107
BR	4719512061435	884102034114
EU	4719512061404	884102034084
JP	4719512061442	884102034121
KR	4719512061459	884102034138
UK	4719512061374	884102034053
TW	4719512061398	884102034077
BU	4719512061473	884102034152
US	4719512061381	884102034060

Specifications

Model	MPX-4501-ACAAB
Type	Intel ATX 12V V2.31
PFC	Active PFC
Operation Voltage	100-240Vac
Input Voltage	100-240Vac
Input Current	8-4A
Input Frequency	50-60Hz
Dimensions (L x B x H)	140 x 150 x 86mm
Fan size	120mm
Fan Bearing	LDB
Powergood Signal	100 - 500ms
Hold Up Time	>16ms @ 80% load
Efficiency	85% Typically
ErP 2013 Lot 6	Yes
MTBF	>100,000 Hours
Operating Temperature	0~40°C
Protections	OVP/UVP/OPP/OTP/SCP /OCP
Regulatory	TUV, CE, BSMI, FCC, cTUVus, KC, CCC, EAC, RCM, CB
Connectors	MB 20+4 pin 1x
	CPU 12V 4+4Pin 1x
	SATA 4x
	Peripheral 4 Pin 3x
	FDD Cable 4 Pin 1x
	PCI-e 6+2 Pin 2x

AC INPUT	100-240Vac~ 8-4A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5sb
	16A	16A	35A	0.3A	3A
TOTAL POWER	100W		420W	3.6W	15W
	450W				



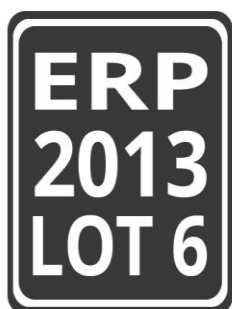
The 80 PLUS Bronze certification guarantees a minimum efficiency of 85%



The DC-DC circuit design offers you reliable and stable output voltages



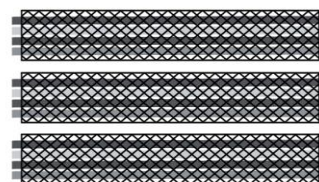
Silencio technology combines sealed LDB bearings with quiet fan blades delivering a long lifetime of quiet cooling



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High quality capacitors for increased lifetime and temperature resistance



Sleeved cables are easy to manage and save space for better PC airflow.