Cooler Master — Make It Yours.

BUILT TO LAST

The GX II Gold brings a new standard of durability and efficiency to Cooler Master's lineup of power supply units. Its APFC half-bridge +LLC, and DC-to-DC has achieved an 80 Plus Gold efficiency certification while maintaining top-tier performance. A smart thermal control mode and zero-RPM default mode effectively reduce noise and improve heat dissipation simultaneously. Combined with an ATX 3.0 12VHPWR native cable featuring a space-saving 90-degree connector, the GX II Gold is a full-featured powerhouse.
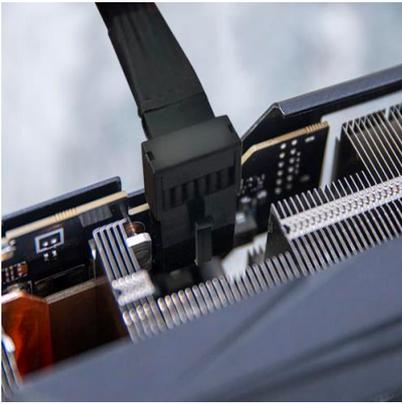
FEATURES

80 PLUS Gold Certified : The GX II Gold is certified to achieve more than 90% efficiency at typical loads.

Fully support ATX3.0 : ATX 3.0 compatibility and a 12VHPWR connector enable peak power support up to 200% more than the unit's rated power.

Smart Thermal Control Mode : A zero-RPM default mode automatically turns the fan on when your PC reaches a specific temperature.

Fully Modular Cable Management : Efficiently reduces clutter, increases airflow, and improves overall efficiency and thermal performance.

10 Year Warranty : This unit comes with a standard limited manufacturing warranty of 10 years from the date of purchase.

PACKAGE INFORMATION

Cable Type	EAN	UPC
MPX-8503-AFAG-2BUS	4719512140215	884102112539
MPX-8503-AFAG-2BUK	4719512140222	884102112546
MPX-8503-AFAG-2BEU	4719512140239	884102112553
MPX-8503-AFAG-2BST	4719512140246	884102112560
MPX-8503-AFAG-2BAU	4719512140253	884102112577
MPX-8503-AFAG-2BBR	4719512140260	884102112584
MPX-8503-AFAG-2BKR	4719512140277	884102112591
MPX-8503-AFAG-2BTW	4719512140284	884102112607
MPX-8503-AFAG-2BJP	4719512140291	884102112614
MPX-8503-AFAG-2BIN	4719512140307	884102112621
MPX-8503-AFAG-2BWO	4719512140314	884102112638

Nett Weight	2.614 kg / 5.762 lb
Gross Weight	3.004 kg / 6.622 lb
Package Dimensions	320 x 195 x 125mm (12.59 x 7.68 x 4.92")
Carton Dimensions	520 x 335 x 231mm (20.47 x 13.18 x 9.09")
Unit / Carton	4 pcs
Carton / Pallet	24 pcs

SPECIFICATIONS

Product Name	GXII Gold 850W
Item Code	MPX-8503-AFAG-2***
ATX Version	ATX 12V Ver. 3.0
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	2500±10% rpm
Efficiency	≥ 90% @ Typical Load
80 PLUS Rating	80 PLUS Gold
ErP 2014 Lot 3	Yes
Operating Temperature	0 ~ 40℃
Power Good Signal	100-150 ms
Hold Up Time	≥ 16ms @80%Load
MTBF	>100,000 hours
Protections	OPP/ OVP/ OTP/ OCP/ SCP/ UVP/ Surge & Inrush Protection
Regulatory	cTUVus, TUV, CE, FCC, BSMI, CCC, EAC, RCM, UKCA, RoHS2.0 / BIS, KC (based on region's request.)

Connectors		
	ATX 24 Pin	x1 = 1x (550mm)
	EPS 4+4 Pin	x1 = 1x (600mm)
	EPS 8 Pin	x1 = 1x (600mm)
	SATA	x6 = 2x (500(s)+120(s)+120(s)+120(p)mm)
	Peripheral 4 Pin	x2 = 2x (500(s)+120(s)+120(s)+120(p)mm)
	PCI-e 6+2 Pin	x4 = 2x (500+120mm)
	12VHPWR	x1 = 1x (650mm)

AC INPUT		100-240V~ 10 - 5A 50 - 60Hz				
DC OUTPUT		+3.3V	+5V	+12V	-12V	+5Vstb
		20A	20A	70.8A	0.3A	3A
TOTAL POWER		120W		849.6W	3.6W	15W
		850W				

FEATURES

12VHPWR native cable with 90 degree connector provides easy installation.

The GX II Gold is certified to achieve more than 90% efficiency at typical loads.

Fully Modular cabling improves consumer cable management.

High-quality Japanese bulk capacitors have been used to improve reliability.

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