



BUILT TO LAST



The GX II Gold brings a new standard of durability and efficiency to Cooler Master's lineup of power supply units. This 80 Plus Gold certified unit can achieve Titanium level efficiency at light loads in a 115V test.

With an APFC half bridge LLC and DC-to-DC design, the GX II Gold has achieved an 80 Plus Gold efficiency certification with top-tier performance. A zero-RPM default mode reduces noise and improves heat dissipation. Combined with an ATX 3.1 12V-2x6 native cable featuring a space-saving, durable 90-degree connector, the GX II Gold is a powerhouse.

GX II Gold 850 ATX3.1

Exceptional efficiency

This 80 Plus Gold certified unit can achieve Titanium level efficiency at light loads in a 115V test.

Advanced thermal performance

A hexagonal fan cover with a maximum 80% airflow intake and a synchronous rectifier dedicated heat sink provide enhanced thermal performance.

ATX 3.1 support & a durable 12V-2x6 cable

Includes ATX 3.1 support and a 90-degree 12+4pin (12V-2x6) PCIe 5.1 cable featuring lower temperatures, enhanced durability, and improved safety.

Silent fan performance with a zero-RPM mode

A zero-RPM default mode automatically turns the fan on when your PC reaches a specific temperature.

Japanese-designed main capacitor

A large, high-quality Japanese main capacitor feature reduced ripple noise and enhanced reliability.

Fully modular cabling

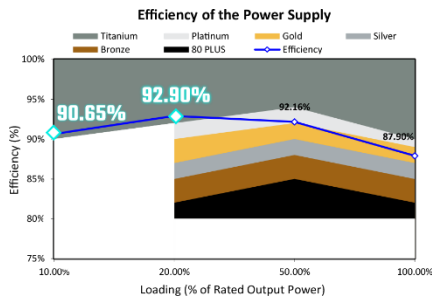
Efficiently reduces clutter, increases airflow, and improves overall efficiency and thermal performance.

10-year warranty

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

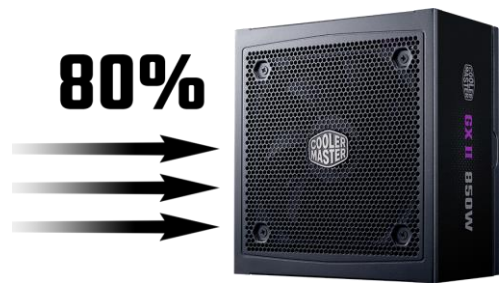


FEATURE HIGHLIGHTS



Exceptional efficiency

Can achieve 80 Plus Titanium level efficiency during general use.



Advanced thermal performance

An airflow maximum of 80% from the hexagonal fan cover enhances thermal performance.



80 Plus Gold efficiency certification

Certified to achieve more than 90% efficiency at typical loads.



Fully modular cabling

Modular cabling reduces clutter and improves overall thermal performance.



Silent and smart performance

Zero-RPM default mode below 40% loads.





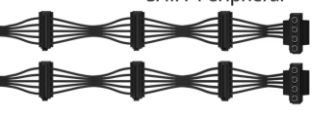



A durable 12V-2x6 cable

An advanced thermal structure and flexible cable provide improved safety.

SPECIFICATIONS

Product Name	GX II Gold 850 ATX3.1
Item Code	MPX-8503-AFAG-2E***
ATX Version	ATX 12V Ver. 3.1
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 rpm
Efficiency	≥ 90% @ Typical Load
80 PLUS Rating	80 PLUS Gold
ErP 2014 Lot 3	Yes
Operating Temperature	0 ~ 40°C
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		x1 = 1x (550mm)
		x1 = 1x (600mm)
		x1 = 1x (600mm)
		x4 = 2x (500+120mm)
		x6 (SATA) / x2 Peripheral = 2x (500(s)+120(s)+120(s)+120(p)mm)
		x1 = 1x (650mm)

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

PACKING INFORMATION

Cable Type	EAN	UPC
MPX-8503-AFAG-2EBUS	4719512150818	884102123139
MPX-8503-AFAG-2EBUK	4719512150825	884102123146
MPX-8503-AFAG-2EBEU	4719512150832	884102123153
MPX-8503-AFAG-2EBAR	4719512150849	884102123160
MPX-8503-AFAG-2EBST	4719512150856	884102123177
MPX-8503-AFAG-2EBAU	4719512150863	884102123184
MPX-8503-AFAG-2EBBR	4719512150870	884102123191
MPX-8503-AFAG-2EBKR	4719512150887	884102123207
MPX-8503-AFAG-2EBTW	4719512150894	884102123214
MPX-8503-AFAG-2EBJP	4719512150900	884102123221
MPX-8503-AFAG-2EBIN	4719512150917	884102123238
MPX-8503-AFAG-2EBWO	4719512150924	884102123245
Net 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	

- All images and descriptions are solely for example purposes.
- Specifications, features, and prices are subject to change without notice.
- Specifications, appearances, and features may vary by model and region. Please refer to official specification pages for full details.
- Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.
- Any configuration other than original product configuration is not performance guaranteed.