BUIT 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 3.0 12VHPWR native cable featuring a space-saving, durable 90-degree connector, the GX II Gold is a powerhouse.

GX II Gold 850

Exceptional efficiency: This 80 Plus Gold certified unit can achieve Titanium level efficiency at 10% and 20% 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 3.0 support & a durable 12VHPWR cable: Includes ATX 3.0 support and a 90-degree 12+4pin (12VHPWR) PCIe 5.0 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.
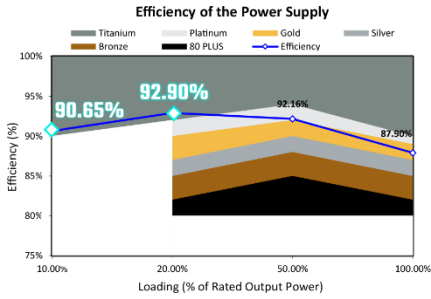
Japanese-designed main capacitor: A large, high-quality Japanese main capacitor feature reduced ripple noise and enhanced reliability.

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.
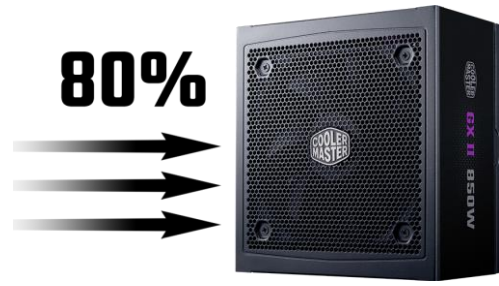
FEATURE HIGHLIGHTS

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 12VHPWR cable

An advanced thermal structure and flexible cable provide improved safety.

SPECIFICATIONS

Product Name	GX II Gold 850
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 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				

PACKING 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

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