



STRENGTH IN ELEGANCE



Introducing the GX III Gold, featuring an all-new material and structural design with hexagonal details for improved airflow and a cleaner overall look. This 80 Plus Gold and Cybenetics Platinum certified unit can achieve Titanium level efficiency at light loads in a 115V test.

The GX III Gold also features ATX 3.0 support, a durable 12VHPWR cable, a half-bridge APFC, LLC, and DC-DC design, anodic-coated heat sinks that reduce average component temperature by 5 °C, and an STCM zero-RPM fan. The GX III Gold achieves excellent performance, efficiency, noise reduction, and heat dissipation.

GX III Gold 650

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

Optimized thermal performance: An anodic-coated heat sink keeps average component temperatures 5°C lower than a traditional heat sink for enhanced durability and a prolonged life span.

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: This unit includes a smart thermal control mode that defaults to zero spin.

High-quality Japanese capacitors: High-quality Japanese capacitors feature reduced ripple noise and enhanced reliability.

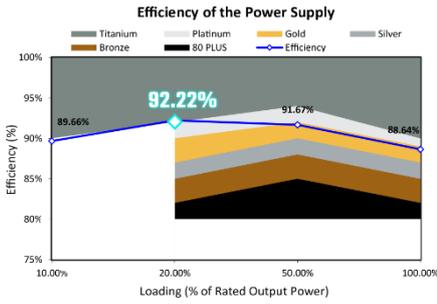
Fully modular cabling: Efficiently reduces clutter, increases airflow, and improves overall efficiency and thermal performance.

Innovative, streamlined design: An innovative screwless aesthetic provides a cleaner appearance, and the hexagonal fan cover improves air intake efficiency.

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.



Dual efficiency certification

80 Plus Gold and Cybenetics Platinum certified.



Silent and smart performance

Zero-RPM default mode below 40% loads.



Optimized thermal performance

An anodic-coated heat sink keeps average components temperatures 5°C lower.



Streamlined, screwless aesthetic

Innovative screwless aesthetic and sleek design.



A durable 12VHPWR cable

An advanced thermal structure and flexible cable provide improved safety.

SPECIFICATIONS

Product Name	GX III Gold 650				
Item Code	MPX-6503-AFAG				
ATX Version	ATX 12V Ver. 3.0				
PFC	Active PFC				
Input Voltage	100 - 240V				
Input Current	8 - 4A				
Input Frequency	50 - 60Hz				
Dimensions (L x W x H)	160 x 150 x 86mm				
Fan Size	120 mm				
Fan Bearing	HDB				
Fan Speed	2500rpm				
Efficiency	≥ 90% @ Typical Load				
80 PLUS Rating	80 PLUS Gold				
ErP 2014 Lot 3	Yes				
Operating Temperature	0 ~ 50°C				
Power Good Signal	100 - 150 ms				
Hold Up Time	≥ 16ms				
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 (610mm)			
	EPS 4+4 Pin	x1 = 1x (600mm)			
	EPS 8 Pin	x1 = 1x (600mm)			
	SATA	X8 = 2x (500+120+120+120mm)			
	Peripheral 4 Pin	x4 = 1x (500+120+120+120mm)			
	PCI-e 6+2 Pin	x2 = 2x (550mm)			
	12VHPWR	x1 = 1x (650mm)			

AC INPUT	100-240V~ 8 - 4A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	54.1A	0.3A	3A
TOTAL POWER	120W		649.2W	3.6W	15W
	650W				

PACKING INFORMATION

Cable Type	EAN	UPC
MPX-6503-AFAG-BUS	4719512135747	884102108068
MPX-6503-AFAG-BUK	4719512135754	884102108075
MPX-6503-AFAG-BEU	4719512135761	884102108082
MPX-6503-AFAG-BST	4719512135778	884102108099
MPX-6503-AFAG-BAU	4719512135785	884102108105
MPX-6503-AFAG-BBR	4719512135792	884102108112
MPX-6503-AFAG-BKR	4719512135808	884102108129
MPX-6503-AFAG-BTW	4719512135815	884102108136
MPX-6503-AFAG-BJP	4719512135822	884102108143
MPX-6503-AFAG-BIN	4719512135839	884102108150
MPX-6503-AFAG-BWO	4719512135846	884102108167

Net Weight	2.424 kg / 5.343 lb
Gross Weight	2.786 kg / 6.142 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.