

## 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.

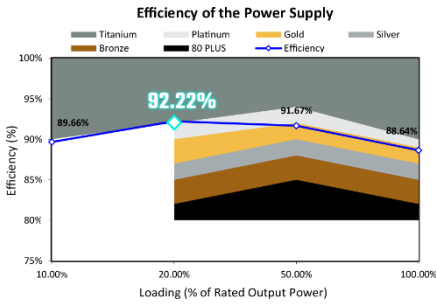
**Fully modular cabling:** Efficiently reduces clutter, increases airflow, and improves overall efficiency and thermal performance.

**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.

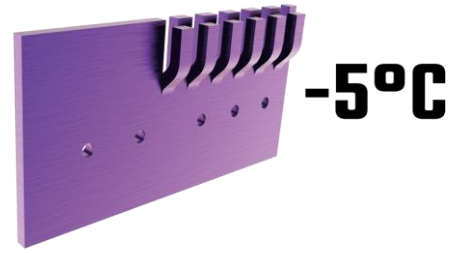


# FEATURE HIGHLIGHTS



## Exceptional efficiency

Can achieve 80 Plus Titanium level efficiency during general use.



## Optimized thermal performance

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



## Dual efficiency certification

80 Plus Gold and Cybenetics Platinum certified.



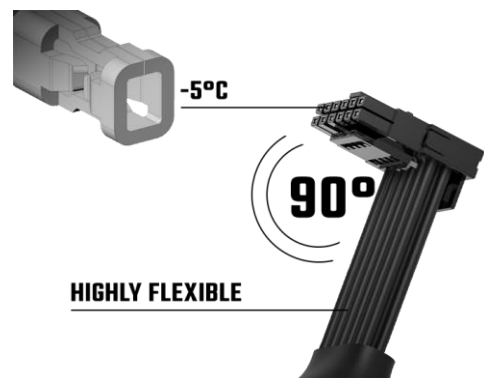
## Streamlined, screwless aesthetic

Innovative screwless aesthetic and sleek design.



## 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 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.