SILENCE IS PLATINUM

The XG Platinum in houses Cooler Master's first in-house designed platform. It was created to provide 80 PLUS Platinum certified efficiency and high-end performance with reduced temperature requirements. This unit offers full-modular cabling, a 135mm silent fan, and smart thermal control mode for silent operation, better airflow, and a longer performance life. In addition, 100% Japanese capacitors have been used in both the platform and cables for increased efficiency and reduced ripple noise. Together these features deliver one of the first power supply units available for retail that meets all Intel ATX 12V version 2.53 guidelines.
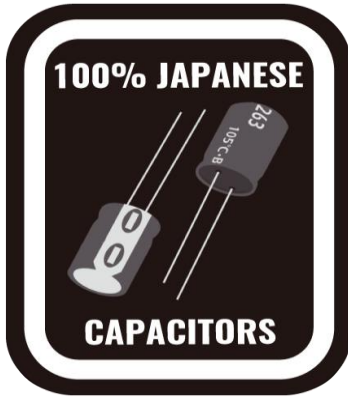
FEATURES

In-House Platform Design : This is Cooler Master's first in-house designed PSU platform, built for high-end performance with reduced temperature requirements.

80 PLUS Platinum Certified : This certification guarantees a minimum typical efficiency of 92% under normal operating conditions.

Quiet 135mm silent fan : The fluid dynamic fan bearing creates less friction, making it great for low RPM operations while delivering quiet cooling performance.

Smart Thermal Control Mode with Hybrid Switch : The fan will remain inactive until the unit has reached 50% load, delivering silent operation during normal use and can be manually turned off with a hardware based hybrid switch.

Full-Modular Cabling with In-Line Capacitors : High efficiency cables with Japanese in-line capacitors reduce ripple noise, increase airflow, and improve overall efficiency and thermal performance.

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

SPECIFICATIONS

Product Name	XG650 Platinum
ATX Version	Intel ATX 12V Ver. 2.53
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	135mm
Fan Speed	1800 RPM
Noise @ 100%	$\leq$ 25 dBA
Efficiency	$\geq$ 92% @ Typical Load
80 PLUS Rating	Platinum
ErP 2014 Lot 3	Yes
Operating Temperature	0 ~ 50℃
Power Good Signal	100-150 ms
Hold Up Time	$\geq$ 20ms
MTBF	>100,000 hours
Protections	OPP/ OVP/ OCP/ UVP/ SCP/ OTP/ Surge & Inrush Protection
Regulatory	TUV, cTUVus, CE, BSMI, FCC, CCC, EAC, UKCA

Connectors	ATX 24 Pin	x1 = 1x (650mm)
	EPS 4+4 Pin	x1 = 1x (650mm)
	EPS 8 Pin	x1 = 1x (650mm)
	SATA	x8 = 2x (500 + 120 + 120 + 120mm)
	Peripheral 4 Pin	x4 = 1x (500 + 120 + 120 + 120mm)
	PCI-e 6+2 Pin	x4 = 2x (550 + 120mm)

PACKAGE INFORMATION

Cable Type	EAN	UPC
MPG-6501-AFBAP-US	4719512111901	884102084218
MPG-6501-AFBAP-UK	4719512111918	884102084225
MPG-6501-AFBAP-EU	4719512111925	884102084232
MPG-6501-AFBAP-ST	4719512111932	884102084249
MPG-6501-AFBAP-AU	4719512111949	884102084256
MPG-6501-AFBAP-BR	4719512111956	884102084263
MPG-6501-AFBAP-KR	4719512111963	884102084270
MPG-6501-AFBAP-TW	4719512111970	884102084287
MPG-6501-AFBAP-JP	4719512111987	884102084294
MPG-6501-AFBAP-IN	4719512111994	884102084300
MPG-6501-AFBAP-WO	4719512112007	884102084317

Package Dimensions	300 x 214 x 125mm (11.81 x 8.43 x 4.92")
Carton Dimensions	520 x 318 x 250mm (20.47 x 12.52 x 9.84")
Unit / Carton	4 pcs

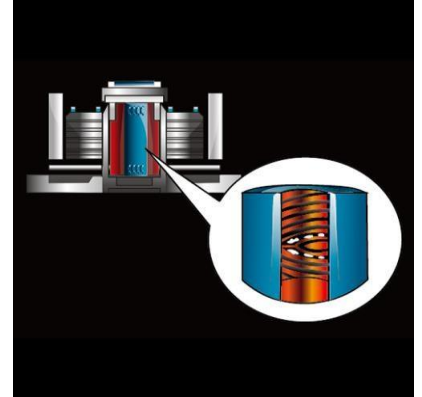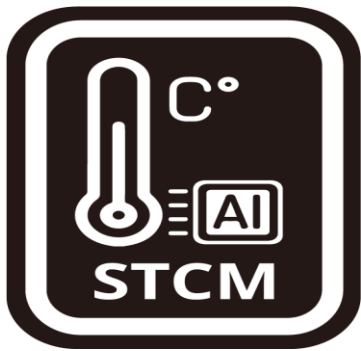| AC INPUT	100-240V~ 8-4A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	54.1A	0.3A	3A
TOTAL POWER	120W		650W	3.6W	15W
	650W				

FEATURES

Composed of all Japanese capacitors to ensure stable output and quality
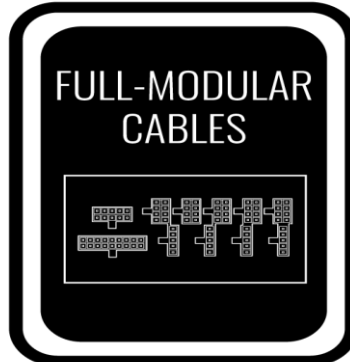

This certification guarantees a minimum typical efficiency of 92% under normal operating conditions.

The fluid dynamic fan bearing creates less friction, making it great for low RPM operations while delivering quiet cooling performance

The fan will remain inactive until the unit has reached 50% load, delivering silent operation during normal use.

Fully customizable, high efficiency cables reduce clutter, increase airflow, and improve overall efficiency and thermal performance.

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