



GX



GX 600 / 800 / 1050

New high-end series of power supplies specifically targeting demanding gamers, the COUGAR GX V3 series. The 80Plus Gold certified GX V3 series provides up to 93% peak efficiency. The advanced cable management solution allows users to only use those cables their peripherals actually need, thereby effectively reducing cable mess while at the same time improving air circulation and ventilation within the case.

The rugged black coating in combination with the gold vent grill add to the overall robust and aggressive appearance of these units, thereby effectively increasing the game-style looks. COUGAR GX power supply, your best choice.

Features

80-PLUS® GOLD CERTIFIED

Up to 93% of efficiency, compliant with 80-PLUS® GOLD efficiency requirement

ULTRA-QUIET & TEMPERATURE-CONTROLLED 140mm FAN

140mm double ball bearing fan deliver optimum air flow with extremely low noise level, the fan speed automatically governed based on the temperature

ADVANCED MODULAR CABLE

The advanced modular cable management is further improved by utilizing new flat cables that simplify installation as well as reducing air friction in order to maximize airflow. This gives gamers the power they need, and flexibility of easy upgrades they demand



GX

COMPATIBLE WITH LATEST PC-TECHNOLOGY

Supports the newest specifications of ATX12V v2.31 and EPS 2.92 standards
Created for usage with current and next-generation multi-core CPU platforms

SUPPORT MULTI-GPU TECHNOLOGY

Support PCI Express 2.0 next-generation graphic card with 8(6+2)pin PCI-E connector

105 °C JAPANESE CAPACITORS

Highest durable 105°C Japanese capacitors provide uncompromised performance and reliability, delivering 4 times the lifespan of conventional 85°C rated capacitors.

HIGH PERFORMANCE AT 50°C

Non-stop high performance and full rated wattage at 50°C/122°F ambient temperature.

DYNAMIC MULTI-12V

Automatic dynamic load distribution on multi-12V lines provide high voltage stability power separately to the GPU and the CPU. If you are not using all output lines, the PSU automatically reroutes needed power from unused lines. This improves the performance and safety of the 12V lines considerably for systems with high-end graphics cards in SLI® or CrossFire® mode

COMPLIANT WITH THE LATEST ErP Lot6 2013

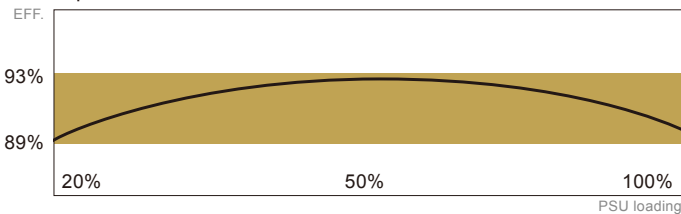
In Standby consumption is <0.3W, compliant with economy-friendly electrical equipment.

FULL PROTECTIONS WITH OCP, SCP, OVP, UVP, OPP, OTP

Detailed features

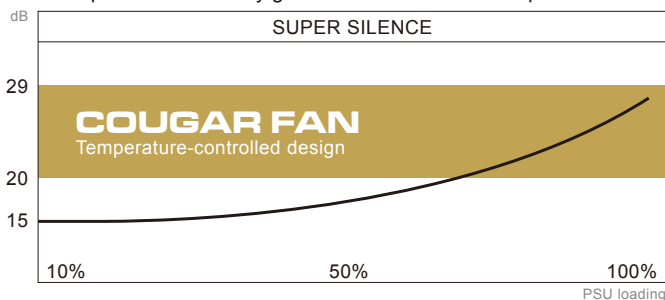
HIGH EFFICIENCY

Up to 93% efficiency with 80-PLUS® GOLD efficiency requirement



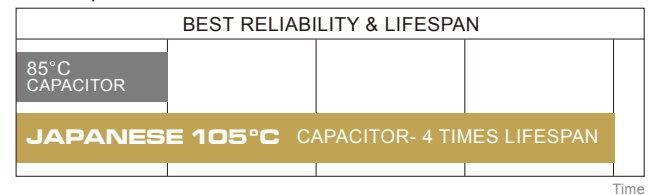
SUPER SILENT & BEST LIFESPAN

Fan speed automatically governed based on the temperature



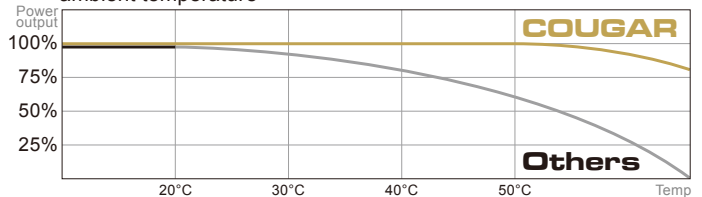
105°C JAPANESE CAPACITORS

Best reliability, delivering 4 times the lifespan of conventional 85°C rated capacitors



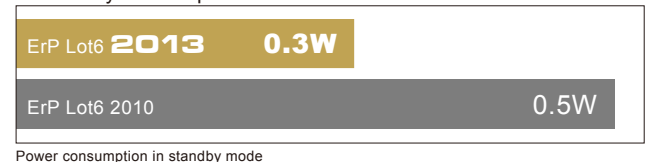
HIGH PERFORMANCE AT 50°C

Non-stop high performance and full rated wattage at 50°C/122°F ambient temperature



COMPLIANT WITH THE LATEST ErP Lot6 2013

In Standby consumption is <0.3W





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Specifications

Model Name	AC input	DC output						
		+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	Total
GX 600 G600	100-240Vac 50-60Hz 10-5A	24A	24A	40A	40A	0.5A	3.5A	600W
		125W		588W				
GX 800 G800		25A	25A	50A	50A	0.8A	4A	800W
		160W		780W				
GX 1050 G1050	100-240Vac 50-60Hz 12-6.3A	25A	25A	60A	60A	0.8A	4A	1050W
		160W		1020W				

Connector	Main Connector	CPU Connector	CPU Connector	Peripheral Connector	S-ATA Connector	PCI-E Connector
Pin	24(20+4) Pins	8(4+4) Pins	8(4+4) Pins 8 Pins	4 Pins	5 Pins	8(6+2) Pins
GX 600	1	1	-	3	6	4
GX 800	1	-	1	4	10	4
GX 1050	1	-	1	4	10	6

Safeties

UVP (Undervoltage protection)

If the voltages fall below a certain tolerance value on the single lines, the PSU automatically switches off.

OVP (Overvoltage protection)

If the voltages increase above a certain tolerance value on the single lines, the PSU automatically switches off.

SCP (Short-circuit protection)

In the case of a short-circuit this feature prevents damage to the core components of the PSU and its system components.

OPP (Overload protection)

If the system is oversized and requires more power from the PSU than it can perform, this protection function is activated.

OCP (Overcurrent protection)

If the load on a single line is higher than indicated, the PSU automatically switches off.

OTP (Overtemperature protection)

If the temperature is too high, the PSU automatically switches off.

Safety & EMI certified



Dimension

160(D) x 150(W) x 86(H) mm