HIGH CURRENT GAMER

HCG

FULLY MODULAR POWER SUPPLY 1000W

Engineered to meet the power demands of high-end systems, the Antec High Current Gamer Gold power supply series boasts unparalleled stability and 80 PLUS® Gold-certified efficiency, thanks to the top-grade Japanese capacitors and Active PFC. Advanced thermal control with the Zero RPM mode enables optimal balance between silence and cooling, and a quiet 135 mm fluid dynamic bearing fan completes the package. The CircuitShield™ suite of industrial-grade protections ensures that the power delivered to your system is safe and reliable. If loads of power, high-level engineering and extreme efficiency are what you're after, the HCG Gold series is the ideal power supply in any situation.

80 PLUS Gold Certified	92% Energy Efficiency	Stable Output	DC to DC Converter Design
100% Japanese Heavy-Duty Caps	Fully Modular	50c Server-grade Industrial Class Performance at 50°C Ambient	

80 PLUS Gold Certified

Delivering up to 92% efficiency, the High Current Gamer Gold series utilizes active PFC, 100% Japanese capacitors, and provides efficiency during max and low loads—living up to the performance standards that we are known for.

100% Japanese capacitors

Using 100% high-performance Japanese capacitors, the HCG Gold series ensures the tightest DC stability and regulation, for reliability that you and your system can count on.

PhaseWave™ Design

A server-class full-bridge LLC design with a synchronous rectification based on a DC-DC topology.
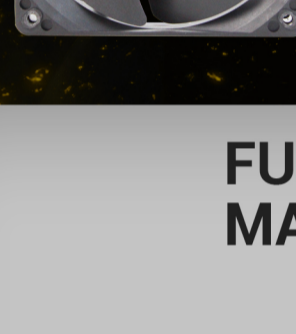
Server-grade 50°C Temperature Rating

HCG 1000 Gold delivers non-stop industrial class performance for high-end computer systems at up to 50°C ambient.

135 mm FDB FAN

The whisper-quiet, 135 mm fluid-dynamic bearing (FDB) fan provides high airflow with the durability and longevity that is a signature of Antec quality.

Zero RPM Mode

The HCG 1000 Gold is equipped with the Zero RPM fan mode, which uses thermal sensors to activate the fan only when you need it. With Zero RPM mode, the HCG Gold series works hard—and smart.
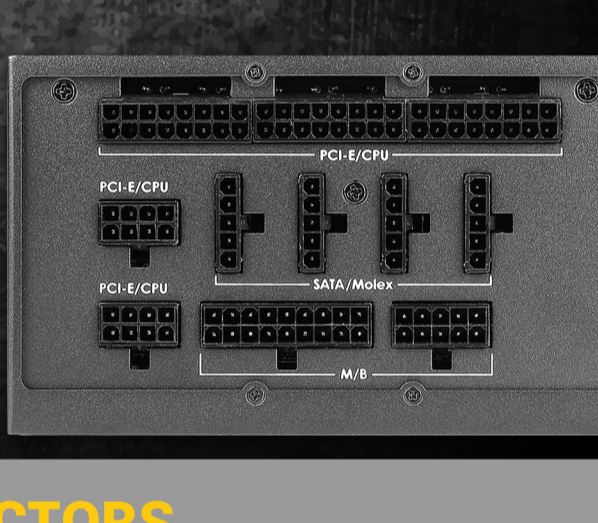
FULLY MODULAR CABLE MANAGEMENT SYSTEM

Allows you to use only the cables you need, which greatly simplifies installation and helps clear out space. And with a full-modular power supply, you can also improve your airflow, because excess cables can obstruct and reduce airflow.

INDUSTRY-LEADING 16 PIN SOCKET

Industry-leading 16-pin sockets double the modular connectivity by supporting 2 different 8-pin cables per socket and allow for future connector changes
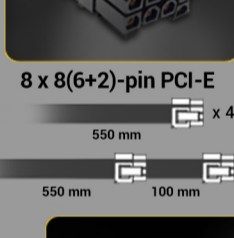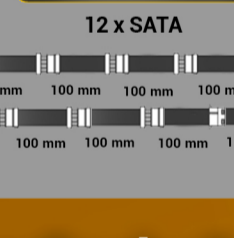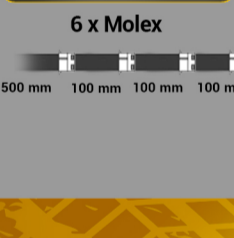
CONNECTORS

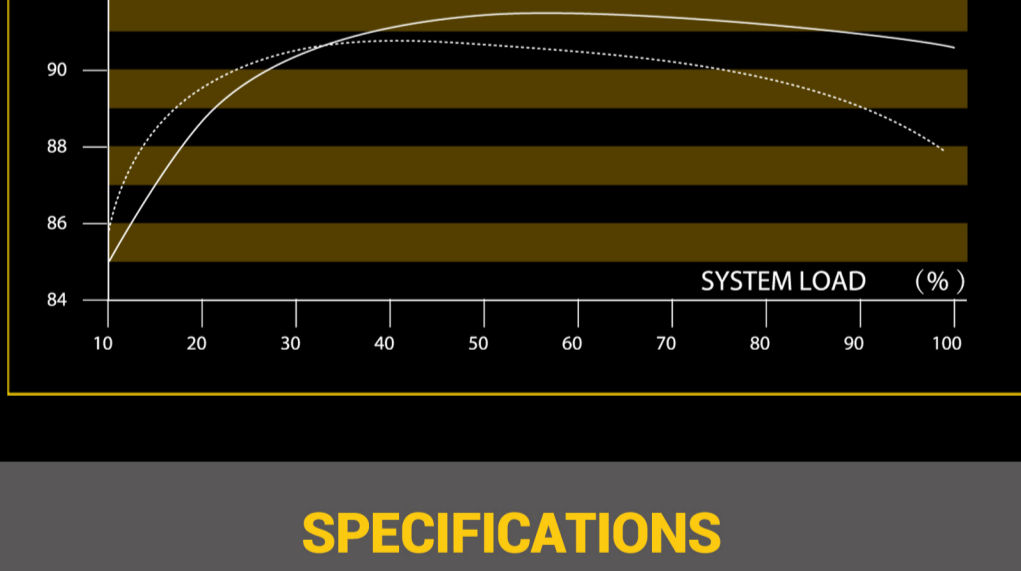| 1 x 24pin	2 x 8(4+4)-pin ATX12V / EPS12V	8 x 8(6+2)-pin PCI-E
12 x SATA	6 x Molex	1 x FDD

PowerCache™

An extra capacitor located at the ends of 12V cables store power, preventing brownouts from sudden demand spikes—providing an extra power reserve where you need it, when you need it most.

AC Input	100-240VAC, 50Hz-60Hz, 13A-6.5A				
DC Output	+ 3.3V	+ 5V	+ 12V	-12V	+5VSB
Maximum	25A	25A	83A	0.3A	3.0A
Combined	125W		996W	3.6W	15W
Total Output	1000W				

80 PLUS® Extreme CERTIFIED - Up to 92% efficient

SPECIFICATIONS

- Guaranteed 1000W of Continuous Power from Antec
- 100% Modular improves airflow and reduces clutter
- 80 PLUS® GOLD certified Up to 92% efficient, to reduce your electricity bill
- PhaseWave™ Design A server-class full-bridge LLC design with a synchronous Rectification based on a DC-DC topology
- 16 pin Socket industry-leading 16-pin sockets double the modular connectivity by supporting 2 different 8-pin cables per socket and allow for future connector changes
- Antec Quality 10-year warranty
- 135 mm FDB Silence Whisper-quiet high quality fluid-dynamic bearing fan with long lifetime
- Zero RPM Manager An advanced low voltage fan control with fan-off mode at low loads for absolute silence
- 99%+12V - Output for maximum CPU & GPU support
- CircuitShield™ Full suite of industrial grade protections: OCP, OVP, UVP, SCP, OPP, OTP, SIP, NLO
- 100% Japanese capacitors achieve unprecedented tight voltage regulation & low ripple & noise to maximize your system's performance
- 24(18+10) pin NB/LA socket - For possible future NBU connectors
- ATX12V 2.4 Engineered according to the newest PSU guideline and compatible with the latest CPU generation
- HCG 1000 Gold delivers non-stop industrial class performance for high-end computer systems at up to 50°C ambient

Model	HCG1000 Gold
Type	ATX 12V 2.4
Modular	Fully Modular
Dimension	160(L) x 150(W) x 86(H) mm
Warranty	10 Years
Input Voltage	100-240 VAC ±10%
Input Current	13A-6.5A
Input Frequency	50Hz-60Hz
PFC	Active PFC (≥0.9 typical)
Power Good Signal	100-500ms
Efficiency	92% Typically
Protection	OCP/OVP/UVP/SCP/OPP/OTP/SIP/NLO
Output Capacity	1000W
Operation	0~50°C
Regulatory	cTUVus/TUV/CB/RCM/CE/EAC/CCC /BSMI/FCC/KR/BIS/UKCA/ICES
Fan	135 mm FDB Fan
Certifications	80 Plus Gold
Connector	1 x MB 24(20+4) Pin
	2 x 8(4+4) Pin EPS 12V
	8 x 8(6+2) Pin PCI-E
	12 x SATA
	6 x Molex
	1 x FDD
Net Weight	1.88 Kgs
Gross Weight	3.11 Kgs
UPC#	0-761345-11771-5 HCG1000 Gold
	0-761345-11772-2 HCG1000 Gold AU
	0-761345-11773-9 HCG1000 Gold EC
	0-761345-11774-6 HCG1000 Gold GB
	0-761345-11775-3 HCG1000 Gold JP
	0-761345-11782-1 HCG1000 Gold CN