

EVGA[®] SUPERNOVA

1300 G2



1300W GOLD POWER SUPPLY

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Introduction: Premium Power

Thank you for purchasing an EVGA SuperNOVA GOLD series power supply. The SuperNOVA Gold series are premium quality power supplies intended to meet the needs of the most demanding PC enthusiast systems. Designed with enthusiast needs in mind the SuperNOVA Gold series is the best choice to power next generation systems.



SuperNOVA 1300W GOLD

Safety Information

WARNING: This unit has no user-serviceable parts inside. Opening the casing presents a risk of electrocution and will void the warranty. EVGA will not be responsible for any result of improper use, use for which the product was not intended, or use inconsistent with the warranty terms (available for review at www.evga.com/support/warranty/) and this manual (also available at www.evga.com/support/manuals/).

Features

STABLE POWER

The SuperNOVA Gold series has outstanding electrical performance with **ultra stable voltage** and extremely **clean outputs**. This can help you achieve the highest possible overclock, or just the most stability and reliability. The SuperNOVA Gold series also has high efficiency **up to 90%** and is **80PLUS GOLD** certified.

THE BEST PROTECTION

The SuperNOVA Gold series comes equipped with the most comprehensive protection set possible, including Over Voltage Protection (**OVP**), Under Voltage Protection (**UVP**), Over Power Protection (**OPP**), Short Circuit Protection (**SCP**), and Over Current Protection (**OCP**). This product is also covered by an exceptional **10-year warranty** and EVGA's legendary customer service and support.

SUPERIOR BUILD QUALITY

The SuperNOVA Gold series is built to the highest standards, using **Japanese capacitors** rated at 105 degrees Celsius and high quality brand-name semiconductor components for the highest performance and reliability.

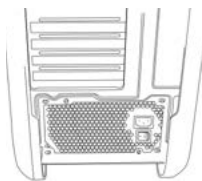
MODULAR DESIGN

The SuperNOVA Gold series is designed with the enthusiast in mind, with fully modular cables to maximize airflow and keep your system looking slick and clean.

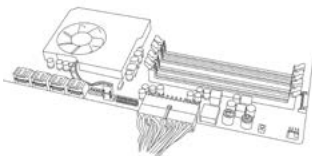
Installation

1. Remove the power supply from its packaging.

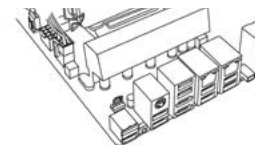
2. Use the screws provided with your case to install the power supply into your computer. **NOTE:** It is recommended to install the power supply with the fan facing down. However, if your case places the power supply at the bottom of the case and there are no ventilation holes there, it may be best to install the power supply with the fan facing up for greater efficiency and reliability.



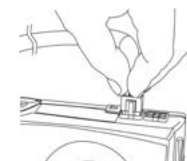
3. Connect the 24-pin ATX cable to the motherboard.



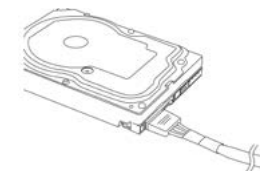
4. Connect the 8-pin EPS12V cable to the motherboard.



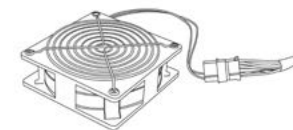
5. Connect the 6/8-pin PCIe cables to your graphics card(s). **NOTE:** Do not attempt to plug an 8-pin PCIe cable into a 6-pin connector without first detaching the two extra pins.



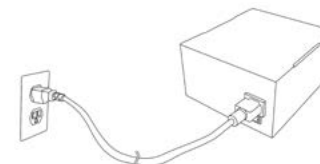
6. Connect the SATA cables to your power supply and drives (hard drives, solid state drives, optical drives).



7. Connect the peripheral "molex" connectors to the power supply and your fans and other devices.



8. Connect the AC power cord to your power supply and to the wall, and turn the power switch to the ON position.



SuperNOVA 1300 G2 Cable Configuration

Modular Connector	Cables	Cable Color
MB	1x ATX 24 pin	Black
CPU1	2x EPS12V 4+4 pin	Black
CPU2		
VGA1	4x PCIe 6+2 pin	Red
VGA2		
VGA3		
VGA4		
VGA5		
VGA6	2x PCIe 6+2 pin + 6 pin	
SATA1	4x SATA 5 pin x3	Black
SATA2		
SATA3		
SATA4		
PERP1	1x Molex 4 pin x3	Black
PERP2	1x Molex 4 pin x2 + 1 Floppy	Black

SuperNOVA 1300 G2 Specifications

EVGA	SuperNOVA 1300W GOLD				+50°C ambient @ full load	
AC Input	100-240 VAC 15A, 60 / 50 Hz					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	24	24	108.3	0.5	3.0	
Combined, W	120		1299.6	6.0	15.0	
Output power, Pcont	1300W @ +50°C					



Dimensions: 85mm (H) x 150mm (W) x 200mm (L)

Over Voltage Protection, Under Voltage Protection, Short Circuit Protection, Over Power Protection, Over Current Protection.

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EVGA Corp. 2900 Saturn Street, Suite B Brea, CA 92821

www.evga.com