EVGA. SUPERNOVA

1000 P2
1200 P2

80 PLUS PLATINUM

1000W PLATINUM POWER SUPPLY
1200W PLATINUM POWER SUPPLY

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English

Introduction: Premium Power

Thank you for purchasing the EVGA 1000P2/1200P2 80 PLUS® PLATINUM Rated power supply. The SuperNOVA PLATINUM 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 PLATINUM series is the best choice to power next generation systems.

SuperNOVA 1000W PLATINUM　　　　　**SuperNOVA 1200W PLATINUM**

Safety Information

WARNING1: This unit has no user-serviceable parts inside. Opening the casing presents a risk of electrocution and will void the product's warranty. EVGA will not be responsible for any result of improper use, including but not limited to, any use of the product outside of its intended purpose or use inconsistent with the warranty terms available online. (Warranty information is available at *www.evga.com/support/warranty* and this manual is available at *www.evga.com/manuals*).

WARNING2: Only use included cables or cables purchased from EVGA.com that are specifically labeled for your PSU.Using incorrect cables runs the risk of catastrophic failure.

What's in the Box

Included with your EVGA 1000P2/1200P2 power supply offers the following items for proper installation and optional testing:

1000P2 Series

(1) EVGA Power Supply
(1) EVGA Manual
(4) Mounting Screws
(1) EVGA PSU Tester (24-Pin)
(1) EVGA Cable Bag
(1) 24-Pin ATX Cable
(2) 8(4+4)-Pin EPS/ATX 12V CPU Cables
(4) 8(6+2)-Pin PCI-E VGA Cables

(2) 6-Pin + 8(6+2)-Pin PCI-E VGA Cables
(2) 2 SATA Cables
(2) 3 SATA Cables
(1) 3 Molex Cable
(1) 2 Molex + (1) Floppy connector
(1) Power Cord Cable (optional)

1200P2 Series

(1) EVGA Power Supply
(1) EVGA Manual
(4) Mounting Screws
(1) EVGA PSU Tester (24-Pin)
(1) EVGA Cable Bag
(1) 24-Pin ATX Cable
(2) 8(4+4)-Pin EPS/ATX 12V CPU Cables
(4) 8(6+2)-Pin PCI-E VGA Cables

(2) 6-Pin + 8(6+2)-Pin PCI-E VGA Cables
(4) 3 SATA Cables
(1) 3 Molex Cable
(1) 2 Molex + (1) Floppy connector
(1) Power Cord Cable (optional)

Features

STABLE POWER

The SuperNOVA PLATINUM series has outstanding electrical performance with **ultra stable voltage** and **extremely clean power output.** This can help you achieve the highest possible overclock (optional) and provide the most stable and reliable power to all components. The SuperNOVA PLATINUM series also has high efficiency **up to 92% (115VAC) / 94% (220VAC~240VAC) efficiency** and is **80 PLUS PLATINUM** certified.

DUAL THERMAL CONTROL SYSTEM

The EVGA **ECO Intelligent Thermal Control System** provides silent operation at low loads, improved efficiency and longer life span of the fan. Enabled by a simple switch directly on the power supply, the **"No Fan Spin"** feature is ideal for users looking to reduce ambient noise overall. Save on **energy costs** and unnecessary fan usage with the EVGA ECO Thermal Control System.

TOP QUALITY PROTECTIONS

The SuperNOVA PLATINUM 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)**, 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 PLATINUM series is built to the highest standards, using **100% Japanese capacitors** rated at 105 degrees Celsius and high quality brand-name semiconductor components for the highest performance and reliability. The Ultra Quiet 140mm **double ball bearing** fan provides adequate cooling to allow **near silent operation** when not needed and proper cooling during heavy load operation.

MODULAR DESIGN

Reduce clutter in the case, **improve ambient temperatures** with better airflow overall and provide a clean look to any system. Fully Modular PSU designs allow the user to disconnect the cable from the power supply side if they are not needed for the specific configuration. This can help **free up space** inside the case and **improve cable management** as well as airflow throughout the system. EVGA offers fully modular designs on all P2 series and include a cable storage bag in case you plan to upgrade or add more components for storage.

Installation

1. Remove the power supply from its packaging.

2. **(Optional)** Using the provided PSU testing tool, connect the 24-Pin cable to the PSU, then attach the testing tool to the 24-Pin cable. Connect the ATX power cable to the PSU and plug the PWR cable into the outlet or surge protector/UPS you plan to use. Once connected, turn the power switch to the ON position. (If the ECO mode is set to ON, the fan will not spin)

   Please note: If you are using a water cooling configuration, this testing tool provides a simple, safe, option for bleeding/draining/testing water cooling components without the need of a paperclip or other device.
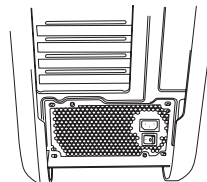
3. Use the screws provided with your case to install the power supply into your computer. **NOTE:** It is recommended to install the power supply with the fan facing down. However, if your case places the power supply at the bottom of the case and there are no ventilation holes available, it may be best to install the power supply with the fan facing up for greater efficiency and reliability.
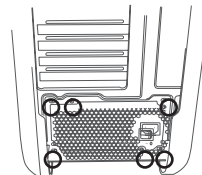
4. Connect the 24-Pin ATX cable to the motherboard.
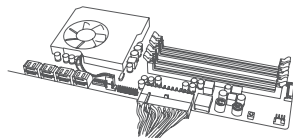
5. Connect the 4+4-Pin EPS12V cable to the motherboard. **(Optional)** – If you plan on **extreme overclocking** and your motherboard supports additional 8-Pin or 4-Pin CPU power connectors, connect the second 4+4-Pin EPS12V cable. This is **only** needed for heavy overclocking or for Dual CPU motherboards.
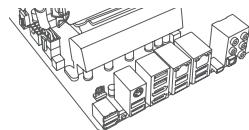
6. Connect the 6/6+2-Pin PCI-E cables to your graphic card(s). **NOTE:** Do not attempt to plug an 8-Pin PCI-E cable into a 6-Pin connector without first detaching the two extra pins.
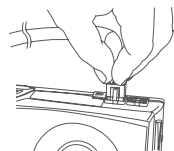
7. Connect SATA power cables to all data drives or optical drives. (hard drives, solid state drives, optical drives)
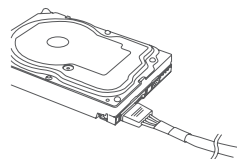
8. Connect the peripheral "Molex" 4-Pin connectors for fans, pumps, legacy components and other devices/adapters.
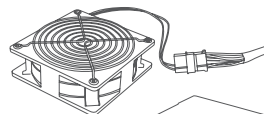
9. Connect the AC power cord to your power supply and to the wall. Check all connections to assure a solid connection and turn the power switch on the power supply to the ON position.
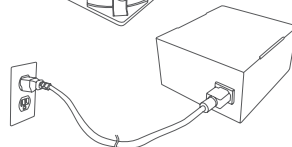
Q&A

Q: I see there are **more than 4 screw holes** on the back of the power supply, but the packaging only offers (4) screws, **are some missing**?

A: **Nothing is missing**; you will only need to attach the EVGA power supply to the case with 4 screws. The power supply offers more than (4) holes to **provide optimal compatibility** for today's varied case designs.

Q: My EVGA Power Supply includes (2) **EPS cables** for my motherboard, do I need to connect up both?

A: Motherboards **only require (1) 4+4 or 8-Pin EPS connection**. On some models, an additional 4+4-Pin or 8-Pin connection on the motherboard may be found for **dual CPU** configurations or for **extreme overclocking**. If your motherboard supports dual 4+4-Pin EPS connections, please refer to your **motherboard manufacture's manual** for details on the proper function and power of the EPS connections.

Q: What is the **ECO Thermal Control System**?

A: The **ECO Thermal Control System**, when enabled, allows the fan on your EVGA power supply to **shut off** during low to moderate operation loads. The EVGA power supply's fan will **automatically turn back** on when needed, based on the temperature the power supply reaches. The fan will also increase in RPM when needed, based on the load operation being requested from the components connected. This prevents unnecessary rotation, **reduces ambient noise** levels and will **increase the life span** of the fan due to the fan not spinning when not required.

Please Note: If the **ECO Thermal Control** is disabled the fan will always spin, even at low loads. The fan will also increase in RPM as needed automatically, based on the power draw from attached components

Q: What if I want to use **power adapters** for my video card(s)/motherboard/peripherals?

A: EVGA always recommends the use of **direct power connections** from the power supply to power the video card(s), motherboard connections and other auxiliary power connections for optimal power distribution.

Q. Does it matter **which end of the cable** I plug into the power supply?

A: Yes, the connections going to the power supply, will not have "break downs" like the EPS (CPU) has 4+4 on one side and full 8-Pin on the other. Another example is the 24-Pin cable, you can see on the PSU side it is a total of 28 Pins, where the 24-Pin connection will go to the motherboard directly. **Check each cable** as it is labeled appropriately to match the power supply side and connect only the same **"matching"** cable directly to the power supply as referenced on each connector.

Q: I plugged everything in and the system will not POST, or goes into a boot loop.

A: Power the PSU off and double check to make sure all the power connections are firmly seated on the motherboard and on the PSU side. If the problem persists you will want to try testing the 24-Pin using the provided PSU tester. If the PSU tests ok, then you will want to try testing the motherboard in "barebones" to get a POST, removing everything except for the CPU and heatsink, 1 stick of RAM, 24-Pin and 8-Pin power connections.

Q: If I have an issue or a question, can I get support?

A: ALL EVGA products are backed by top tier warranties as well as technical support. Support can be reached for your power supply at:
- USA: _+1-888-881-3842_ option 1, option 3. or contact us via email at _support@evga.com_.
- Europe: _+49 89 189 049 11_ or by email via _eu.evga.com/support_.

SuperNOVA 1000P2 Cable Configuration

Modular Connector	Cables	Cable Color
MB	1 x ATX 24-Pin	Black
CPU1	2 x EPS/ATX12V 8(4+4)-Pin	
CPU2		
VGA1	4 x PCI-E 8(6+2)-Pin	
VGA2		
VGA3		
VGA4		
VGA5	2 x PCI-E 6-Pin + 8(6+2)-Pin	
VGA6		
SATA1	2 x SATA 5-Pin x 3	
SATA2		
SATA3	2 x SATA 5-Pin x 2	
SATA4		
PERIF1	1 x Molex 4-Pin x 3	
PERIF2	1 x Molex 4-Pin x 2 + 1 Floppy	

SuperNOVA 1000P2 Specifications

EVGA.	SuperNOVA 1000W PLATINUM			+50°C ambient @ full load		80 PLUS PLATINUM
AC Input	100–240 VAC 15A, 60 / 50 Hz					
DC Output	+5V	+3.3V	+12V		-12V	+5Vsb
MAX output, A	20A	20A	83.3A		0.5A	2.5A
Combined, W	100W		999.6W		6.0W	12.5W
Output power, Pcont	1000W @ +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.

SuperNOVA 1200P2 Cable Configuration

Modular Connector	Cables	Cable Color
MB	1 x ATX 24-Pin	
CPU1	2 x EPS/ATX12V 8(4+4)-Pin	
CPU2		
VGA1	4 x PCI-E 8(6+2)-Pin	
VGA2		
VGA3		
VGA4		Black
VGA5	2 x PCI-E 6-Pin + 8(6+2)-Pin	
VGA6		
SATA1	4 x SATA 5-Pin x 3	
SATA2		
SATA3		
SATA4		
PERIF1	1 x Molex 4-Pin x 3	
PERIF2	1 x Molex 4-Pin x 2 + 1 Floppy	

SuperNOVA 1200P2 Specifications

EVGA	SuperNOVA 1200W PLATINUM			+50°C ambient @ full load		80 PLUS PLATINUM
AC Input	100-240 VAC 15A, 60 / 50 Hz					
DC Output	+5V	+3.3V	+12V		-12V	+5Vsb
MAX output, A	20A	20A	99.9A		0.5A	2.5A
Combined, W	100W		1198.8W		6.0W	12.5W
Output power, Pcont	1200W @ +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.