

EVGA.

EVGA.

EVGA Corp. 408 Saturn Street, Brea, CA 92821, USA

www.evga.com

BRONZE

SERIES

450 / 500 / 600 / 700 watt



BRONZE POWER SUPPLY



Table of Contents

Introduction.....2

Safety Information.....3

Features.....3

Installation.....3

EVGA 450B / 500B / 600B / 700B Cable Configuration.....5

EVGA 450B / 500B / 600B / 700B Specification.....6

Introduction: Premium Power

Thank you for purchasing the EVGA 450B/500B/600B/700B 80 PLUS® BRONZE Rated power supply. EVGA 450B/500B/600B/700B are premium quality power supplies intended to meet the needs of the most demanding PC enthusiast systems. Designed with enthusiast needs in mind, EVGA 450B/500B/600B/700B is the best choice to power next generation systems.



EVGA 450W BRONZE



EVGA 500W BRONZE



EVGA 600W BRONZE



EVGA 700W BRONZE



Safety Information

WARNING: 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).

Features

STABLE POWER

The 450B/500B/600B/700B 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 450B/500B/600B/700B also provides **up to 85% (115VAC) / 85% (220VAC) ~240VAC** efficiency and is **80 PLUS® BRONZE** certified.

TOP QUALITY PROTECTIONS

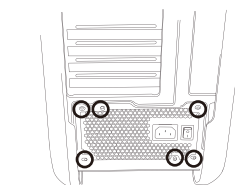
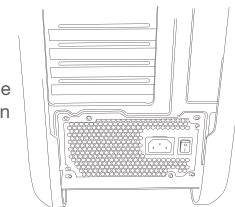
The 450B/500B/600B/700B comes equipped with the most comprehensive protection set possible, including Over Voltage Protection (**OVP**), Under Voltage Protection (**UVP**), Over Power Protection (**OPP**), Short Circuit Protection (**SCP**), Over Temperature Protection (**OTP**), and Over Current Protection (**OCP**). This product is also covered by a **3-year warranty** and EVGA's legendary customer service and support.

Installation

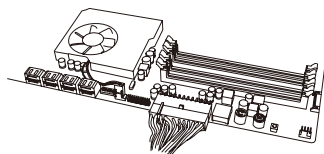
1. Remove the power supply from its packaging.
2. **(Optional)** Using the provided PSU testing tool, connect the 24-Pin cable to the PSU, then attach the testing tool to the 24-Pin cable. Connect the ATX power cable to the PSU and plug the PWR cable into the outlet or surge protector/UPS you plan to use. Once connected, turn the power switch to the ON position.

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.

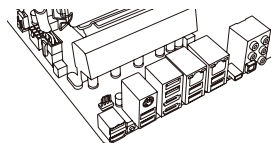
3. Use the screws provided with your case to install the power supply into your computer. **NOTE:** It is recommended to install the power supply with the fan facing down. However, if your case places the power supply at the bottom of the case and there are no ventilation holes available, it may be best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



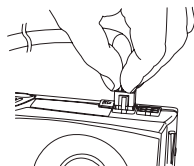
4. Connect the 20+4-Pin ATX cable to the motherboard.



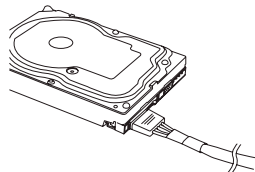
5. Connect the 4+4-Pin EPS12V cable to the motherboard.



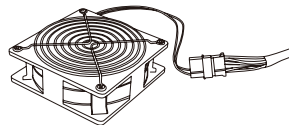
6. Connect the 6/6+2-Pin PCI-E cables to your graphic card(s).
NOTE: Do not attempt to plug an 8-Pin PCI-E cable into a 6-Pin connector without first detaching the two extra pins.



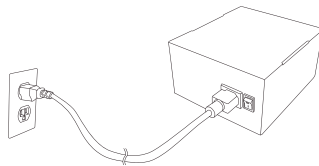
7. Connect SATA power cables to all data drives or optical drives.
(hard drives, solid state drives, optical drives)



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.



EVGA 450B Cable Configuration

Connector	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin
SATA	2 x SATA 5-Pin x 2
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 500B Cable Configuration

Connector	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 600B Cable Configuration

Connector	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 700B Cable Configuration

Connector	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	3 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 4 + 1 Floppy

EVGA 450B / 500B / 600B / 700B Specifications

EVGA	450W BRONZE				+40°C ambient @ full load	
AC Input	AC100-240V~, 50-60 Hz, 8/4A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	20A	35A	0.3A	3A	
Combined, W	120W	420W	3.6W	15W		
Output power, Pcont	450W @ +40°C					

EVGA	500W BRONZE				+40°C ambient @ full load	
AC Input	AC100-240V~, 50-60 Hz, 8/4A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	40A	0.3A	3A	
Combined, W	120W	480W	3.6W	15W		
Output power, Pcont	500W @ +40°C					

EVGA	600W BRONZE				+40°C ambient @ full load	
AC Input	AC100-240V~, 50-60 Hz, 10/5A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	49A	0.3A	3A	
Combined, W	130W	588W	3.6W	15W		
Output power, Pcont	600W @ +40°C					

EVGA	700W BRONZE				+40°C ambient @ full load	
AC Input	AC 100-240V~, 50-60 Hz, 10/6A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	56A	0.3A	3A	
Combined, W	150W	672W	3.6W	15W		
Output power, Pcont	700W @ +40°C					

Dimensions: 85mm (H) x 150mm (W) x 140mm (L)

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

Inhalt

Einführung.....	8
Sicherheit.....	9
Merkmale.....	9
Installation.....	9
EVGA 450B / 500B / 600B / 700B Kabelkonfiguration.....	11
EVGA 450B / 500B / 600B / 700B Spezifikationen.....	12

Einführung: Premium Power

Vielen Dank, dass Sie sich für den Kauf eines EVGA 450B/500B/600B/700B 80 PLUS® BRONZE Netzteil entschieden haben. Die EVGA 450B/500B/600B/700B sind Premium Netzteile, entworfen für höchste Ansprüche, für den PC Enthusiasten Bereich ausgelegt. Mit diesem Design für Enthusiasten sind die EVGA 450B/500B/600B/700B die beste Wahl für diese und nächste Generation.



EVGA 450W BRONZE



EVGA 500W BRONZE



EVGA 600W BRONZE



EVGA 700W BRONZE



Sicherheit

WARNHINWEIS: Im Gerät befinden sich keine vom Benutzer zu wartenden Teile. Beim Öffnen des Gehäuses besteht das Risiko eines Stromschlags, und die Produktgarantie verfällt. EVGA übernimmt keinerlei Haftung für Folgen unsachgemäßer Verwendung. Hierzu zählt unter anderem die Verwendung des Produkts für einen anderen als den vorgesehenen Verwendungszweck oder eine Verwendung, die nicht den online einsehbaren Garantiebedingungen entspricht. (Die Garantiebedingungen sind auf www.evga.com/support/warranty einsehbar. Dieses Handbuch ist auf www.evga.com/manuals einsehbar.)

Merkmale

STABILE LEISTUNG

Die 450B/500B/600B/700B liefert hervorragende elektrische Leistung mit **extra stabiler Spannung** und **extrem sauberem Output**. Sie ermöglicht maximale Übertaktung (sofern erwünscht) und versorgt sämtliche Komponenten zuverlässig mit stabiler Leistung. Das 450B/500B/600B/700B Netzteil verfügt über die **80 PLUS® BRONZE** Zertifizierung mit bis zu **85% (115VAC) / 85% (220VAC~240VAC) Effizienz**.

ERSTKLASSIGE SCHUTZMERKMALE

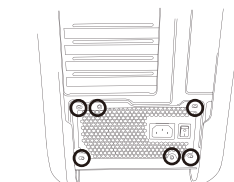
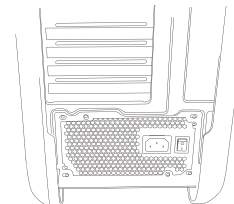
Die 450B/500B/600B/700B verfügt über umfangreiche Schutzmerkmale, darunter Überspannungsschutz (Over Voltage Protection, **OV**P), Unterspannungsschutz (Under Voltage Protection, **UV**P), Überlastschutz (Over Power Protection, **OPP**), Kurzschlusschutz (Short Circuit Protection, **SCP**), Überhitzungsschutz (Over Temperature Protection, **OTP**) und Überstromschutz (Over Current Protection, **OCP**). Noch mehr Sicherheit bieten zudem die außergewöhnliche **3-Jahres-Garantie** sowie der legendäre EVGA Kundendienst und Support.

Installation

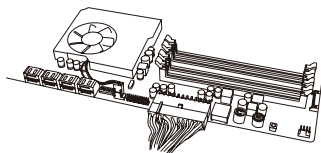
1. Entnehmen Sie das Netzteil aus der Verpackung.
2. (Optional) Schließen Sie das 24-Pin-Kabel an das Netzteil und anschließend an den mitgelieferten Netzteil-Tester an. Schließen Sie das ATX-Stromkabel an das Netzteil an und schließen Sie das PWR-Kabel an die beabsichtigte Buchse bzw. den Überspannungsschutz/Netzausfallschutz an. Schalten Sie anschließend den Netzschalter in die Stellung EIN.

Bitte beachten: Bei Konfigurationen mit Wasserkühlung stellt der Tester eine einfache und sichere Methode zum Entlüften/Ablassen/Testen der Komponenten der Wasserkühlung dar, ohne eine Büroklammer oder Ähnliches zu Hilfe nehmen zu müssen.

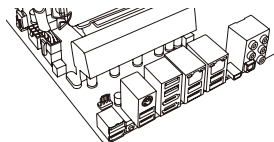
3. Verwenden Sie die mitgelieferten Schrauben, um das Netzteil im Computer zu installieren. **HINWEIS:** Es wird empfohlen, das Netzteil mit dem Lüfter nach unten zu installieren. Wird das Netzteil jedoch unten in Ihrem Gehäuse installiert und sind keine Lüftungsschlitze vorhanden, kann es besser sein, das Netzteil mit dem Lüfter nach oben zu installieren, um mehr Effizienz und Zuverlässigkeit zu gewährleisten.



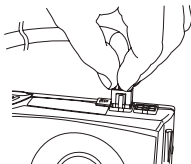
4. Schließen Sie das 20+4-Pin ATX-Kabel an das Motherboard an.



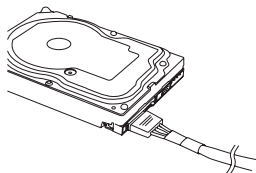
5. Schließen Sie das 4+4-Pin EPS12V-Kabel an das Motherboard an.



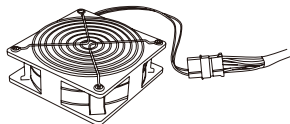
6. Schließen Sie die 6/6+2-Pin PCI-E-Kabel an Ihre Grafikkarte(n) an.
HINWEIS: Versuchen Sie nicht, ein 8-Pin PCI-E-Kabel an einen 6-Pin-Anschluss anzuschließen, ohne zuvor die zwei zusätzlichen Pins entfernt zu haben.



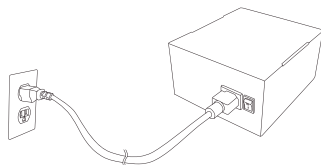
7. Schließen Sie SATA-Netzkabel an alle Datenlaufwerke und optischen Laufwerke an. (Festplatten HDDs, Solid-State-Laufwerke (SSDs), optische Laufwerke).



8. Schließen Sie die peripheren „Molex“ 4-Pin-Stecker für Lüfter, Pumpen, ältere Komponenten und sonstige Geräte/Adapter an.



9. Schließen Sie das Netzkabel an das Netzteil und die Wandsteckdose an. Überprüfen Sie sämtliche Anschlüsse auf sicheren Sitz und schalten Sie den Netzschalter am Netzteil in die Stellung „EIN“.



EVGA 450B Kabelkonfiguration

Connector	Kabel
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin
SATA	2 x SATA 5-Pin x2
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 500B Kabelkonfiguration

Connector	Kabel
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 600B Kabelkonfiguration

Connector	Kabel
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 700B Kabelkonfiguration

Connector	Kabel
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	3 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 4 + 1 Floppy

EVGA 450B / 500B / 600B / 700B Spezifikationen

EVGA	450W BRONZE				+40°C ambient @ full load	
AC Input	AC100-240V~, 50-60 Hz, 8/4A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	20A	35A	0.3A	3A	
Combined, W	120W		420W	3.6W	15W	
Output power, Pcont	450W @ +40°C					

EVGA	500W BRONZE				+40°C ambient @ full load	
AC Input	AC100-240V~, 50-60 Hz, 8/4A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	40A	0.3A	3A	
Combined, W	120W		480W	3.6W	15W	
Output power, Pcont	500W @ +40°C					

EVGA	600W BRONZE				+40°C ambient @ full load	
AC Input	AC100-240V~, 50-60 Hz, 10/5A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	49A	0.3A	3A	
Combined, W	130W		588W	3.6W	15W	
Output power, Pcont	600W @ +40°C					

EVGA	700W BRONZE				+40°C ambient @ full load	
AC Input	AC 100-240V~, 50-60 Hz, 10/6A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	56A	0.3A	3A	
Combined, W	150W		672W	3.6W	15W	
Output power, Pcont	700W @ +40°C					

Maße: 85mm (H) x 150mm (W) x 140mm (L)

Darunter Überspannungsschutz, Unterspannungsschutz, Überlastschutz, Kurzschlusschutz, Überhitzungsschutz, Überstromschutz.

Tabla de contenidos

Introducción.....	14
Información de seguridad.....	15
Características.....	15
Instalación.....	15
EVGA 450B / 500B / 600B / 700B configuración de cables.....	17
EVGA 450B / 500B / 600B / 700B especificaciones.....	18

Introducción : Fuente Premium

Gracias por comprar la fuente de alimentación certificada EVGA 450B/500B/600B/700B 80 PLUS® BRONZE. EVGA 450B/500B/600B/700B son fuentes de alimentación de primera calidad destinados a satisfacer las necesidades de los sistemas para entusiastas de PC más exigentes. Diseñado con las necesidades del entusiasta EVGA 450B/500B/600B/700B es la mejor opción para los sistemas de nueva generación de energía.



EVGA 450W BRONZE



EVGA 500W BRONZE



EVGA 600W BRONZE



EVGA 700W BRONZE



Información de seguridad

ADVERTENCIA: Esta unidad tiene piezas que el usuario pueda reparar. La apertura de la fuente presenta un riesgo de descarga eléctrica y anulará la garantía de los productos. EVGA no será responsable por cualquier resultado de mal uso, incluyendo pero no limitado a, cualquier uso del producto fuera de su finalidad o uso inconsistente con los términos de la garantía disponibles en línea. (Información sobre la garantía está disponible en www.evga.com/support/warranty y este manual está disponible en www.evga.com/manuals).

Características

ENERGÍA ESTABLE

La 450B/500B/600B/700B tiene un rendimiento eléctrico excepcional con **voltaje ultra estable** y **potencia extremadamente limpia**. Esto puede ayudarle a alcanzar el máximo overclock (opcional) y proporciona la potencia más estable y confiable para todos los componentes. La 450B/500B/600B/700B también tiene una alta eficiencia de hasta el 85% (115VAC) / 85% (220VAC~240VAC) y es la certificación 80 PLUS® BRONZE.

PROTECCIONES DE PRIMERA CALIDAD

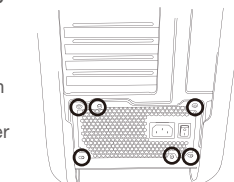
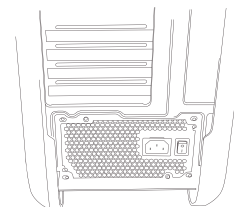
La 450B/500B/600B/700B viene equipado con la más completa protección ajustado posible, incluyendo Protección de sobre voltaje (Over Voltage Protection, **OVP**), Protección ante bajo voltaje (Under Voltage Protection, **UVP**), Protección de sobrecarga de energía (Over Power Protection, **OPP**), protección contra cortocircuitos (Short Circuit Protection, **SCP**), Protección Contra Altas Temperaturas (Over Temperature Protection, **OTP**), Protección de sobrecarga de corriente (Over Current Protection, **OCP**). Este producto también está cubierto por una **garantía de 3 años** de servicio soporte al cliente excepcional y legendario de EVGA.

Instalación

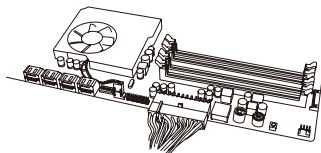
1. Retire la fuente de alimentación de su embalaje.
2. **(Optional)** Uso de la herramienta de prueba PSU proporcionado, conecte el cable de 24-Pines de la fuente de alimentación, a continuación, coloque la herramienta de prueba al cable de 24-Pines. Conecte el cable de alimentación ATX de la fuente de alimentación y enchufe el cable de PWR en el tomacorriente o protector/UPS que planea usar contra sobretensiones. Una vez conectado, gire el interruptor de encendido en la posición ON.

Nota: Si está utilizando una configuración de enfriamiento por agua, esta herramienta proporciona una prueba simple, seguro, la opción de sangrado/drenaje/ensayo de componentes de refrigeración de agua sin la necesidad de un clip u otro dispositivo.

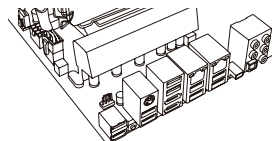
3. Utilice los tornillos suministrados con el caso de instalar la fuente de alimentación en el equipo. **NOTA:** Se recomienda la instalación de la fuente de alimentación con el ventilador hacia abajo. Sin embargo, si su caso coloca la fuente de alimentación en la parte inferior de la caja y no hay orificios de ventilación disponibles, puede ser mejor instalar la fuente de alimentación con el ventilador hacia arriba para una mayor eficiencia y fiabilidad.



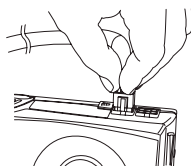
4. Conecte el cable ATX de 20+4-Pines a la placa madre.



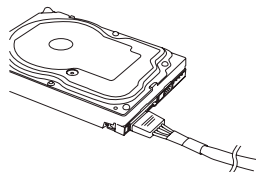
5. Conecte el cable EPS12V 4+4-Pines a la placa base.



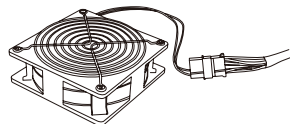
6. Conecte los cables 6/6+2-Pines PCI-E para la tarjeta gráfica(s).
NOTA: No intente conectar un cable de 8 pines PCI-E en un conector de 6-Pines sin primero desmontar los dos pines adicionales .



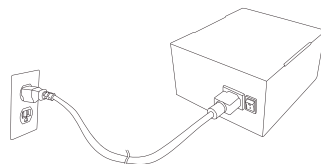
7. Conecte los cables de alimentación SATA a todas las unidades de datos o unidades ópticas. (discos duros, unidades de estado sólido, unidades ópticas)



8. Conecte los conectores periféricos “Molex” 4-Pines para ventiladores, bombas, componentes heredados y otros dispositivos/adaptadores.



9. Conecte el cable de alimentación de CA a la fuente de alimentación y en la pared. Revise todas las conexiones para asegurar una conexión sólida y gire el interruptor de encendido de la fuente de alimentación a la posición ON.



EVGA 450B Configuración de cables

Conectores	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin
SATA	2 x SATA 5-Pin x 2
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 500B Configuración de cables

Conectores	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 600B Configuración de cables

Conectores	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 700B Configuración de cables

Conectores	Cables
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	3 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 4 + 1 Floppy

EVGA 450B / 500B / 600B / 700B especificaciones

EVGA	450W BRONZE				+40°C de temperatura ambiente a plena carga	
Entrada de CA	AC100-240V~, 50-60 Hz, 8/4A					
Salida de DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Maxima salida, A	20A	20A	35A	0.3A	3A	
Combinada, W	120W	420W	3.6W	15W		
Potencia de salida, Pcont	450W @ +40°C					

EVGA	500W BRONZE				+40°C de temperatura ambiente a plena carga	
Entrada de CA	AC100-240V~, 50-60 Hz, 8/4A					
Salida de DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Maxima salida, A	20A	24A	40A	0.3A	3A	
Combinada, W	120W	480W	3.6W	15W		
Potencia de salida, Pcont	500W @ +40°C					

EVGA	600W BRONZE				+40°C de temperatura ambiente a plena carga	
Entrada de CA	AC100-240V~, 50-60 Hz, 10/5A					
Salida de DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Maxima salida, A	20A	24A	49A	0.3A	3A	
Combinada, W	130W	588W	3.6W	15W		
Potencia de salida, Pcont	600W @ +40°C					

EVGA	700W BRONZE				+40°C de temperatura ambiente a plena carga	
Entrada de CA	AC 100-240V~, 50-60 Hz, 10/6A					
Salida de DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Maxima salida, A	20A	24A	56A	0.3A	3A	
Combinada, W	150W	672W	3.6W	15W		
Potencia de salida, Pcont	700W @ +40°C					

Dimensiones: 85mm (Alto) x 150mm (Ancho) x 140mm (Largo)

Protección de sobre voltaje, Protección ante bajo voltaje, Protección de sobrecarga de energía,
Protección contra cortocircuito, Protección Contra Altas Temperaturas, Protección de sobrecarga de corriente.

Table des matières

Introduction.....	20
Consignes de sécurité.....	21
Fonctionnalités.....	21
Installation.....	21
Configuration de la nouvelle alimentation EVGA 450B / 500B / 600B / 700B.....	23
Spécifications de la nouvelle alimentation EVGA 450B / 500B / 600B / 700B.....	24

Introduction: Premium Power

Merci d'avoir acheté les alimentations 450B/500B/600B/700B 80 PLUS® BRONZE. Les EVGA 450B/500B/600B/700B sont des alimentations de qualité supérieure destinées à répondre aux besoins des PC les plus exigeants en performance. Toujours conçu avec l'esprit des produits haut de gamme d'EVGA, les alimentations 450B/500B/600B/700B sont le meilleur choix de puissance pour les systèmes de la prochaine génération.



EVGA 450W BRONZE



EVGA 500W BRONZE



EVGA 600W BRONZE



EVGA 700W BRONZE

Consignes de sécurité

AVERTISSEMENT: cet appareil ne contient pas de pièces que l'utilisateur peut réparer. L'ouverture du boîtier présente un risque d'électrocution et annulera la garantie du produit. La société EVGA ne peut être tenue responsable des conséquences d'une utilisation incorrecte, ce qui inclut, sans s'y limiter, l'utilisation du produit dans un but autre que celui prévu ou l'utilisation non conforme aux conditions de garantie disponibles en ligne. (La garantie est disponible sous www.evga.com/support/warranty et le manuel sous www.evga.com/manuals).

Fonctionnalités

ALIMENTATION STABLE

La série 450B/500B/600B/700B offre des performances électriques exceptionnelles avec une **tension ultra stable** et **des sorties extrêmement propres**. Cela vous permet d'obtenir l'overclocking le plus élevé possible (facultatif) et d'alimenter tous les composants de manière stable et fiable. La série 450B/500B/600B/700B bénéficie de la certification **80 PLUS® BRONZE**, pour une **efficacité de 85% (115VAC) / 85% (220VAC~240VAC) maximum**.

PROTECTIONS OPTIMALES

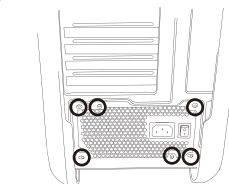
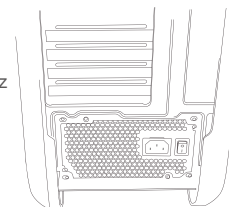
La 450B/500B/600B/700B est équipée de l'ensemble de protection le plus complet possible: protection contre la surtension (Over Voltage Protection, **OVP**), protection contre la sous-tension (Under Voltage Protection, **UVP**), protection contre la surpuissance (Over Power Protection, **OPP**), protection contre les courts-circuits (Short Circuit Protection, **SCP**) et protection contre la surintensité (Over Current Protection, **OCP**), Protection contre la surchauffe (Over Temperature Protection, **OTP**). Ce produit bénéficie également d'une garantie exceptionnelle de **trois ans** et de la qualité légendaire de l'assistance et du service clientèle de la société EVGA.

Installation

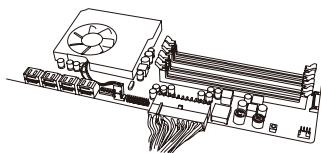
1. Retirez le bloc d'alimentation de son emballage.
2. **(Facultatif)** À l'aide de l'outil de test de bloc d'alimentation fourni, connectez le câble 24 broches au bloc d'alimentation, puis raccordez l'outil de test au câble 24 broches. Connectez le câble d'alimentation ATX au bloc d'alimentation et branchez le câble PWR dans la sortie ou le parasurtenseur/système d'alimentation sans coupure que vous envisagez d'utiliser. Une fois la connexion effectuée, placez l'interrupteur sur la position Marche.

Remarque: si vous utilisez une configuration à refroidissement à l'eau, cet outil de test est une option simple et sûre pour la purge/la vidange/le test des composants à refroidissement à l'eau sans l'aide d'un trombone ou autre dispositif.

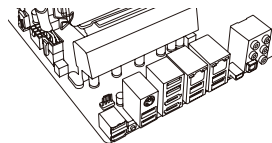
3. Utilisez les vis fournies avec le boîtier pour installer le bloc d'alimentation dans votre ordinateur. **REMARQUE:** nous vous recommandons d'installer le bloc d'alimentation avec le ventilateur orienté vers le bas. Cependant, si le bloc d'alimentation est installé dans la partie inférieure du boîtier et qu'il n'y a pas de trous d'aération, le mieux est de placer le bloc d'alimentation avec le ventilateur orienté vers le haut pour plus d'efficacité et de fiabilité.



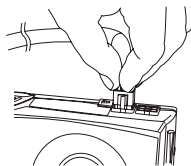
4. Connecter le câble ATX 20+4 broches à la carte mère.



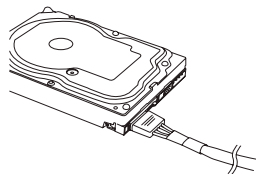
5. Connecter le câble EPS 12V 4+4 broches à la carte mère.



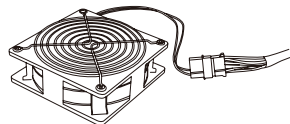
6. Connectez les câbles PCI-E 6/6+2 broches à votre ou vos cartes graphiques. **REMARQUE:** ne tentez pas de relier un câble PCI-E 8 broches à un connecteur 6 broches sans avoir détaché les deux broches supplémentaires au préalable.



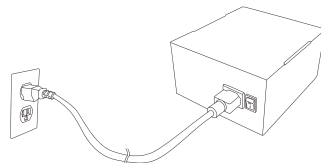
7. Connectez les câbles d'alimentation SATA à tous les lecteurs de données ou lecteurs optiques (disques durs, disques électroniques, lecteurs optiques).



8. Raccordez les connecteurs Molex périphériques 4 broches pour les ventilateurs, pompes, composants patrimoniaux et autres dispositifs/adaptateurs.



9. Connectez le cordon d'alimentation AC. au bloc d'alimentation et à la prise murale. Vérifiez que tous les éléments sont bien raccordés et placez l'interrupteur du bloc d'alimentation sur la position Marche.



Configuration de la nouvelle alimentation EVGA 450B

Connector	câbles
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin
SATA	2 x SATA 5-Pin x 2
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

Configuration de la nouvelle alimentation EVGA 500B

Connector	câbles
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

Configuration de la nouvelle alimentation EVGA 600B

Connector	câbles
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

Configuration de la nouvelle alimentation EVGA 700B

Connector	câbles
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	3 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 4 + 1 Floppy

Spécifications de la nouvelle alimentation EVGA 450B / 500B / 600B / 700B

EVGA	450W BRONZE				+40°C ambiante à pleine charge	
AC Input	AC100-240V~, 50-60 Hz, 8/4A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	20A	35A	0.3A	3A	
Combined, W	120W	420W	3.6W	15W		
Output power, Pcont	450W @ +40°C					

EVGA	500W BRONZE				+40°C ambiante à pleine charge	
AC Input	AC100-240V~, 50-60 Hz, 8/4A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	40A	0.3A	3A	
Combined, W	120W	480W	3.6W	15W		
Output power, Pcont	500W @ +40°C					

EVGA	600W BRONZE				+40°C ambiante à pleine charge	
AC Input	AC100-240V~, 50-60 Hz, 10/5A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	49A	0.3A	3A	
Combined, W	130W	588W	3.6W	15W		
Output power, Pcont	600W @ +40°C					

EVGA	700W BRONZE				+40°C ambiante à pleine charge	
AC Input	AC 100-240V~, 50-60 Hz, 10/6A					
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb	
MAX output, A	20A	24A	56A	0.3A	3A	
Combined, W	150W	672W	3.6W	15W		
Output power, Pcont	700W @ +40°C					

Dimensions: 85mm (H) x 150mm (W) x 140mm (L)

Protection contre les surtensions, Protection contre les surtensions, Protection contre les surcharges,
Protection au court circuit, Protection contre la surchauff, Protection contre les surintensités.

Tabela de Conteúdo

Introdução.....	26
Informações de Segurança.....	27
Recursos.....	27
Instalação.....	27
EVGA 450B / 500B / 600B / 700B Configuração de cabos.....	29
EVGA 450B / 500B / 600B / 700B Especificação.....	30

Introdução: Poder Premium

Obrigado por adquirir a fonte de alimentação EVGA 450B/500B/600B/700B com certificação 80 PLUS® BRONZE. As EVGA 450B/500B/600B/700B são fontes de energia de qualidade premium destinadas a satisfazer as necessidades dos PCs mais exigentes. Projetadas com as necessidades de entusiastas em mente, as EVGA 450B/500B/600B/700B são a melhor escolha para energizar os sistemas de última geração.



EVGA 450W BRONZE



EVGA 500W BRONZE



EVGA 600W BRONZE



EVGA 700W BRONZE



Informações de Segurança

AVISO: Este produto não possui peças reparáveis pelo usuário. Abrir a carcaça representa um risco de choque e anula a garantia. A EVGA não se responsabiliza por qualquer consequência gerada por uma utilização inadequada, incluindo mas não limitando-a, uso para qual o produto não se destina, ou uso incompatível com os termos da garantia disponibilizada online. (Informações de garantia disponível em <http://br.evga.com/support/warranty> e manual disponível em <http://br.evga.com/support/manuals>).

Recursos

ENERGIA ESTÁVEL

A 450B/500B/600B/700B tem excelente desempenho de energia com **tensão de voltagem ultra estável e potência de saída extremamente limpa**. Isso pode ajudá-lo a atingir o overclock (opcional) mais alto possível e fornecer a energia mais estável e confiável para todos os componentes. A 450B/500B/600B/700B Ouro também tem alta eficiência de **até 85% (115VAC) / 85% (220VAC~240VAC)** e tem certificação **80 PLUS® BRONZE**.

A MELHOR PROTEÇÃO

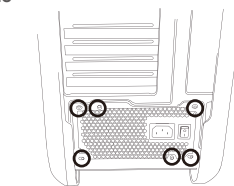
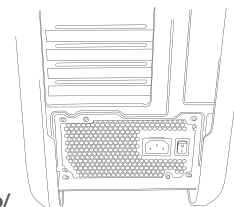
A 450B/500B/600B/700B Ouro é equipada com o maior conjunto de proteção possível, incluindo Proteção contra Sobretensão (Over Voltage Protection, **OVP**), Proteção contra Subtensão (Under Voltage Protection, **UVP**), Proteção de Sobrecorrente (Over Current Protection, **OCP**), Proteção contra Sobrecarga (Over Power Protection, **OPP**), Proteção contra Curto-Circuito (Short Circuit Protection, **SCP**), e Proteção contra Alta Temperatura (Over Temperature Protection, **OTP**). Este produto também é coberto pela incrível **garantia de 3 anos** e o lendário Suporte EVGA.

Instalação

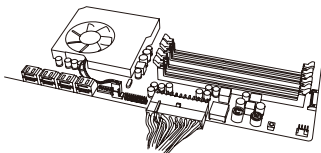
1. Retire a fonte de alimentação da embalagem.
2. **(Opcional)** Usando a ferramenta de teste de Fonte fornecido, conecte o cabo de 24-Pin na fonte de alimentação, em seguida, anexar a ferramenta de teste para o cabo de 24-Pin. Conecte o cabo de alimentação ATX para a fonte de alimentação e ligue o cabo PWR na tomada ou estabilizador / no-break que você planeja usar. Uma vez conectado, ligue o interruptor de alimentação para a posição ON.

Atenção: Se você estiver usando uma configuração de refrigeração a água, esta ferramenta de teste de forma simples e seguro, opção para o vazamento/drenagem/componentes de resfriamento à água e teste sem a necessidade de um clipe de papel ou outro dispositivo.

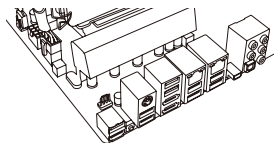
3. Use os parafusos fornecidos com o seu gabinete para instalar a fonte em seu computador. NOTA: Recomenda-se instalar a fonte de alimentação com a ventoinha voltada para baixo. No entanto, se em seu gabinete o encaixe da fonte de alimentação é na parte de baixo e não existem orifícios de ventilação disponíveis, pode ser melhor instalar a fonte com a ventoinha voltada para cima para uma maior eficiência e confiabilidade.



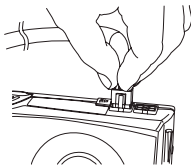
4. Conecte o cabo ATX 20+4-Pin na placa-mãe.



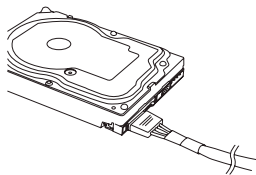
5. Conecte o cabo EPS12V 4+4-Pin na placa-mãe.



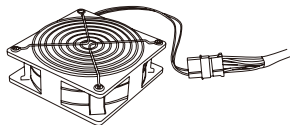
6. Conecte os cabos PCIe de 6/6+2-Pin em sua(s) placa(s) de vídeo.
IMPORTANTE: Não tente conectar um cabo PCI-E de 8-Pin em um conector de 6-Pin sem antes retirar os dois pinos adicionais.



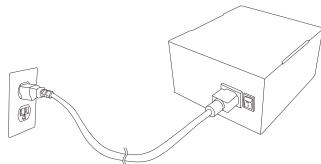
7. Conecte os cabos de energia SATA aos seus dispositivos (discos rígidos, SSDs e drives ópticos).



8. Conecte os “Molex” conectores de 4-Pin periféricos para ventiladores, bombas, componentes adicionais e outros dispositivos/adaptadores.



9. Conecte o cabo de alimentação para o fornecimento de energia na tomada. Verifique todas as conexões para garantir uma conexão sólida e ligue o interruptor de alimentação da fonte de alimentação para a posição ON.



EVGA 450B Configuração de cabos

Conexão	Cabos
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin
SATA	2 x SATA 5-Pin x 2
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 500B Configuração de cabos

Conexão	Cabos
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 600B Configuração de cabos

Conexão	Cabos
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

EVGA 700B Configuração de cabos

Conexão	Cabos
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	3 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 4 + 1 Floppy

EVGA 450B / 500B / 600B / 700B Especificação

EVGA	450W BRONZE				+40°C ambiente à pleno funcionamento	
Entrada AC	AC100-240V~, 50-60 Hz, 8/4A					
Saída DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Saída Máxima, A	20A	20A	35A	0.3A	3A	
Combinado, W	120W		420W	3.6W	15W	
Potência de Saída, Pcont	450W @ +40°C					

EVGA	500W BRONZE				+40°C ambiente à pleno funcionamento	
Entrada AC	AC100-240V~, 50-60 Hz, 8/4A					
Saída DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Saída Máxima, A	20A	24A	40A	0.3A	3A	
Combinado, W	120W		480W	3.6W	15W	
Potência de Saída, Pcont	500W @ +40°C					

EVGA	600W BRONZE				+40°C ambiente à pleno funcionamento	
Entrada AC	AC100-240V~, 50-60 Hz, 10/5A					
Saída DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Saída Máxima, A	20A	24A	49A	0.3A	3A	
Combinado, W	130W		588W	3.6W	15W	
Potência de Saída, Pcont	600W @ +40°C					

EVGA	700W BRONZE				+40°C ambiente à pleno funcionamento	
Entrada AC	AC 100-240V~, 50-60 Hz, 10/6A					
Saída DC	+5V	+3.3V	+12V	-12V	+5Vsb	
Saída Máxima, A	20A	24A	56A	0.3A	3A	
Combinado, W	150W		672W	3.6W	15W	
Potência de Saída, Pcont	700W @ +40°C					

Dimensões: 85mm (H) x 150mm (W) x 140mm (L)

Proteção contra Sobretensão, Proteção contra Subtensão, Proteção contra Curto-Circuito,
Proteção contra Sobrecarga, Proteção de Sobrecorrente, Proteção contra Alta Temperatura.

Indice

Introduzione.....	32
Informazioni di sicurezza.....	33
Caratteristiche.....	33
Installazione.....	33
Configurazione dei cavi EVGA 450B/500B/600B/700B.....	35
Specifiche tecniche EVGA 450B/500B/600B/700B.....	36

Introduzione: Potenza Premium

Grazie per aver acquistato l'unità di alimentazione EVGA 450B/500B/600B/700B 80 PLUS® BRONZE. Le unità EVGA 450B/500B/600B/700B sono alimentatori di qualità premium destinati a soddisfare le esigenze dei sistemi PC più esigenti. Progettate per soddisfare i requisiti prestazionali di tutti gli entusiasti, le unità EVGA 450B/500B/600B/700B sono la scelta ideale per alimentare i sistemi di nuova generazione.



EVGA 450W BRONZE



EVGA 500W BRONZE



EVGA 600W BRONZE



EVGA 700W BRONZE

Informazioni di sicurezza

WARNING: questa unità non ha parti manutenibili dall'utente al suo interno. L'apertura del case comporta un rischio di folgorazione e invaliderà la garanzia del prodotto. EVGA non sarà responsabile per qualsiasi uso improprio, incluso, ma non limitato a, qualsiasi utilizzo del prodotto non conforme alla sua destinazione o un utilizzo non conforme con le condizioni di garanzia disponibili online. (Le informazioni sulla garanzia sono disponibili su www.evga.com/support/warranty e questo manuale è disponibile su www.evga.com/manuals).

Caratteristiche

POTENZA STABILE

Le unità 450B/500B/600B/700B offrono eccezionali prestazioni elettriche con una **tensione ultra stabile e una erogazione della potenza estremamente pulita**. Questo consente di ottenere il più alto overclocking possibile (opzionale) ed erogare una potenza estremamente stabile e affidabile a tutti i componenti.

Le unità 450B/500B/600B/700B offrono inoltre fino all'**85% (115 V CA)/85% (220 V CA~240 V CA)** di efficienza e sono certificate **80 PLUS® BRONZE**.

PROTEZIONE DI ALTISSIMA QUALITÀ

Le unità 450B/500B/600B/700B sono dotate del sistema di protezione più completo, fra cui protezione dalla sovratensione (**OVP**), protezione dalla sottotensione (**UVP**), protezione dalla sovralimentazione (**OPP**), protezione dai cortocircuiti (**SCP**), protezione dalla sovratemperatura (**OTP**) e protezione dalla sovracorrente (**OCP**).

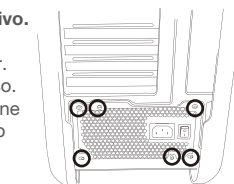
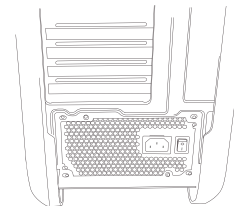
Questo prodotto è anche coperto da una garanzia di 3 anni e il leggendario servizio clienti e supporto di EVGA.

Installazione

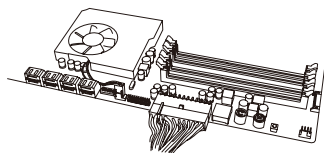
1. Rimuovere l'alimentatore dalla confezione.
2. (Opzionale) Utilizzando il tester della PSU, collegare il cavo a 24 pin alla PSU e quindi collegare il tester al cavo a 24 pin. Collegare il cavo di alimentazione ATX alla PSU e inserire il cavo PWR nella presa o protezione dalla sovratensione/UPS che si prevede di usare. Una volta collegato, accendere l'unità premendo l'interruttore di alimentazione (posizione "ON").

Nota: se si utilizza un sistema di raffreddamento ad acqua, questo tester è un'opzione semplice e sicura per lo spurgo/drenaggio/test dei componenti di raffreddamento ad acqua, senza dover utilizzare una graffetta o altro dispositivo.

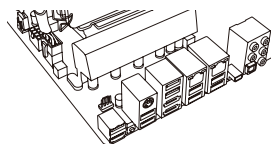
3. Utilizzare le viti fornite con il case per installare l'alimentatore nel proprio computer.
NOTA: si raccomanda di installare l'alimentatore con la ventola rivolta verso il basso. Tuttavia, se nel case l'alimentatore è ubicato nella parte inferiore e fuori di ventilazione non sono disponibili, è possibile installare l'alimentatore con la ventola rivolta verso l'alto per una maggiore efficienza e affidabilità.



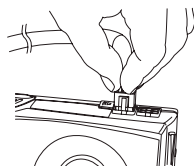
4. Collegare il cavo ATX da 20+4 pin alla scheda madre.



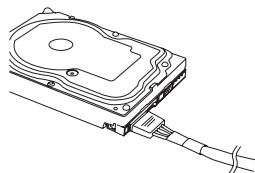
5. Collegare il cavo EPS12V da 4+4 pin alla scheda madre.



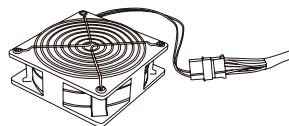
6. Collegare i cavi PCI-E 6/6+2 pin alla scheda grafica o schede grafiche.
NOTA: non tentare di collegare un cavo PCI-E a 8 pin a un connettore a 6 pin senza prima rimuovere i due pin supplementari.



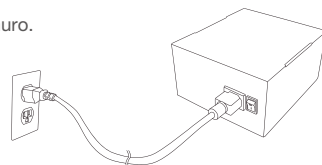
7. Collegare i cavi di alimentazione SATA a tutte le unità di dati o unità ottiche (hard disk, unità allo stato solido, unità ottica).



8. Collegare i connettori "Molex" periferici a 4 pin per le ventole, le pompe, i componenti legacy e altri dispositivi/adattatori.



9. Collegare il cavo di alimentazione CA all'alimentatore e alla presa a muro. Controllare tutti i collegamenti per assicurarsi che siano ben saldi e accendere l'alimentatore premendo l'interruttore di alimentazione (posizione "ON").



Configurazione dei cavi EVGA 450B

Connector	Cavi
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin
SATA	2 x SATA 5-Pin x 2
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

Configurazione dei cavi EVGA 500B

Connector	Cavi
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

Configurazione dei cavi EVGA 600B

Connector	Cavi
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	2 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 3 + 1 Floppy

Configurazione dei cavi EVGA 700B

Connector	Cavi
MB	1 x ATX 20+4-Pin
CPU	1 x EPS/ATX12V 8(4+4)-Pin
VGA	1 x PCI-E 8(6+2)-Pin x 2
SATA	3 x SATA 5-Pin x 3
PERIF	1 x Molex 4-Pin x 4 + 1 Floppy

Specifiche tecniche EVGA 450B/500B/600B/700B

EVGA	450W BRONZE				+40°C ambiente a pieno carico	
Ingresso CA	AC100-240V~, 50-60 Hz, 8/4A					
Uscita CC	+5V	+3.3V	+12V	-12V	+5Vsb	
Uscita MAX, A	20A	20A	35A	0.3A	3A	
Combinata, W	120W		420W	3.6W	15W	
Potenza di uscita, Pcont	450W @ +40°C					

EVGA	500W BRONZE				+40°C ambiente a pieno carico	
Ingresso CA	AC100-240V~, 50-60 Hz, 8/4A					
Uscita CC	+5V	+3.3V	+12V	-12V	+5Vsb	
Uscita MAX, A	20A	24A	40A	0.3A	3A	
Combinata, W	120W		480W	3.6W	15W	
Potenza di uscita, Pcont	500W @ +40°C					

EVGA	600W BRONZE				+40°C ambiente a pieno carico	
Ingresso CA	AC100-240V~, 50-60 Hz, 10/5A					
Uscita CC	+5V	+3.3V	+12V	-12V	+5Vsb	
Uscita MAX, A	20A	24A	49A	0.3A	3A	
Combinata, W	130W		588W	3.6W	15W	
Potenza di uscita, Pcont	600W @ +40°C					

EVGA	700W BRONZE				+40°C ambiente a pieno carico	
Ingresso CA	AC 100-240V~, 50-60 Hz, 10/6A					
Uscita CC	+5V	+3.3V	+12V	-12V	+5Vsb	
Uscita MAX, A	20A	24A	56A	0.3A	3A	
Combinata, W	150W		672W	3.6W	15W	
Potenza di uscita, Pcont	700W @ +40°C					

Dimensioni: 85 mm (A) x 150 mm (L) x 140 mm (P)
 protezione dalla sovratensione (OVP), protezione dalla sottotensione (UVP),
 protezione dai cortocircuiti (SCP), protezione dalla sovralimentazione (OPP),
 protezione dalla sovracorrente (OCP), protezione dalla sovratemperatura (OTP).