



**ATX Power Supply - 80 Plus® Bronze**

**600 W**



**COLONEL 3**  
GAMING POWER SUPPLY



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## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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# Introduction

## Packaging Contents

- ATX Power Supply
- Quick Install Guide

## System Requirements

- ATX compliant motherboard
- ATX compliant computer case that fits a full sized power supply
- Standard Computer Power Cord (Regional AC to C13)

## Installation

**WARNING!** Computer parts can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case. whiteshark.gg recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

Installation of a power supply requires some mechanical skill and requires that you open your computer case to disconnect and reconnect wires. If you are unfamiliar with this kind of work, consider bringing your computer and new whiteshark.gg power supply to your local computer store for help.

# Hardware Installation

1. If replacing an existing power supply, turn your computer off and any peripherals connected to the computer (i.e. printers, external hard drives, etc.).
2. If replacing an existing power supply check to see if it has a power switch on it, set it to the "0" position. Unplug the power cable from the rear of the power supply on the back of the computer and disconnect all other peripheral cables.
3. Remove the cover from the computer case. For detailed steps refer to the documentation included with your computer system, or computer case.
4. If replacing an existing power supply disconnect all of the power connectors from the motherboard and peripheral devices (i.e. hard drives, CD/DVD drives, etc). Make sure to take note of each connector and where they were plugged in. Ensure there are no devices connected to the existing power supply.
5. If replacing an existing power supply remove it from the computer case. This is typically done by removing four (4) mounting screws on the outside face of the power supply. Refer to documentation for your computer system or computer case for specifics.
6. Hold the new power supply into place so that the 4 screw holes around the fan are lined up with installation holes on your computer case, and fix 4 screws (included with your computer case) through the computer case into the power supply. Refer to documentation for your computer system or computer case for specifics.
7. Connect the power connectors from the power supply to the motherboard and any peripheral devices that require power. If you are replacing an existing power supply, replace all power connectors that were removed. Refer to the documentation for your motherboard and peripheral devices for details regarding power requirements.  
**Note:** This power supply uses a 20+4 pin ATX connector, so it can be used on motherboards with either a 20-pin or 24-pin connector. Simply detach the extra 4-pin attachment for use on 20-pin motherboards.
8. Make sure any loose or unused cables from the power supply are away from fans and other moving parts.
9. Place the cover onto the computer case. For detailed steps refer to the documentation included with your computer system, or computer case.
10. Connect the Power Cable
11. Set up your computer system. Refer to documents included with your computer system and any attached devices.
12. The computer system is now ready to be turned on.



# Specifications

- \* Type: Full modular / \* Format: ATX
- \* Power [W]: 600 / \* Efficiency: 80+ BRONZE
- \* Safety features: OVP, SCP, OPP, OCP, UVP
- \* Length [mm]: 160
- \* Current at 12V [A]: 40 ~ 50 A (Max.)
- \* Current at 5V [A]: 13 ~ 20 A (Max.)
- \* Current at 3.3V [A]: 13 ~ 20 A (Max.)
- \* Fan size [mm]: 140
- \* Fan bearing: Hydraulic
- \* ErP Lot 6 / \* PFC: Active
- \* DC-DC architecture

## DC Output

|                     |                            |       |        |       |        |     |    |
|---------------------|----------------------------|-------|--------|-------|--------|-----|----|
| AC INPUT            | 200 - 240 V, 47-63 Hz, 8 A |       |        |       |        |     |    |
| DC OUTPUT           | +12 V                      | +5 V  | +3.3 V | -12 V | +5 VSB | GND | PG |
| OUTPUT CURRENT      | 40 A                       | 13 A  | 13 A   | 0.3 A | 2.5 A  | -   | -  |
| MAX. OUTPUT CURRENT | 50 A                       | 20 A  | 20 A   | 0.3 A | 3 A    | -   | -  |
| MAX. OUTPUT POWER   | 600 W                      | 105 W |        | 3.6 W | 12.5 W | -   | -  |
| RATED POWER         | TOTAL: 600 W               |       |        |       |        |     |    |

# Connectors



1X ATX 20+4-pin



1 x 4+4 -pin ATX 12V (8-pin EPS12V)



2x 6+2-Pin pin PCI Express



4x 15-pin SATA



2 x 4-pin Molex Power (LP4)

## Technical Support

White Shark lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit [www.whiteshark.gg](http://www.whiteshark.gg) and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit [www.whiteshark.gg](http://www.whiteshark.gg)

## Warranty Information

This product is backed by a 3 year warranty.

In addition, whiteshark.gg warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. whiteshark.gg does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.