

# Fast Facts: 80 PLUS®



## What does 80 PLUS® Certified mean?

80 PLUS® Certified is the new standard in power supply efficiency. It means at any load between 20%-100% the power supply is working at at least 80% efficiency. Standard non-certified 80 PLUS power supplies can vary from 65% up to 85% efficiency depending on load and temperatures, but typically run at top efficiency only at high loads.

## Why is high efficiency good for you? Why should you buy an 80 PLUS® Certified power supply?

High efficiency saves you money every month on your electrical bill, reduces heat in your computer's system and prolongs its life. With an 80 PLUS® Certified power supply you know that no matter what it is working at a very high efficiency level. This requires less power from the power grid, meaning less resources are used to produce the power for your computer. Plus your power supply will be running cooler which allows the use of lower speed fans, making for a quieter computing experience.

## Is there a connection between cooling and efficiency?

Yes. The more efficient a power supply is the less heat it produces. This means a highly efficient power supply runs cooler and can lead to a cooler running system.

## What is Antec doing to make 80 PLUS® Certified power supplies available to everyone?

Antec has been striving to deliver high efficiency power supplies to the world for the past couple of years. The time has come to utilize this independent certification so that all customers can be sure of what they're getting and that it isn't just marketing hype.

Antec's first 80 PLUS certified power supply line is the EarthWatts line of power supplies. But since we care, this is only the first of Antec's 80 PLUS certified lines of power supplies. Watch for more to come.

## Learn more about 80 PLUS®:

80 PLUS® is an innovative, electric utility-funded incentive program to integrate more energy-efficient power supplies into desktop computers and servers.

The 80 PLUS performance specifications require power supplies in computers and servers to be 80% or greater energy efficient. This makes an 80 PLUS certified power supply at least 33% more efficient than current power supplies.

80 PLUS certified power supplies:

- Achieve energy savings, up to \$70 over the life of a desktop computer
- Reduce a room's cooling load, increasing comfort and saving up to 30%
- Increase computer system reliability and save on maintenance costs by as much as 40%
- Minimize the need for noisy fans, creating a quieter environment
- Save on construction — saves hundreds of dollars in electrical system upgrades
- Allow more computers on the same branch circuit
- Save the environment — prevent pollution by reducing energy consumption

**Run Cool, Run Reliably, Run with 80 PLUS®**

