500 Watt ATX12V 2.3 80 Plus® Computer Power Supply w/ Active PFC

StarTech ID: ATX2PW500WH

The ATX2PW500WH 500 Watt 80 Plus® Power Supply offers an energy efficient replacement or upgrade for powering your desktop PC. Operating at a minimum of 80% efficiency between 20% and 100% load, 80 Plus power supplies deliver a significant improvement over standard-efficiency power supplies that helps reduce energy consumption and cost of operation.

This versatile power supply is equipped to support AMD or Intel CPU-based servers and workstations with a combined 20/24-pin motherboard connection, and an 8-pin EPS connector.

The ATX2PW500WH is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Replacing an older, less reliable power supply
- Upgrading or building an energy-efficient PC with a more efficient, 80 Plus certified power supply
- Upgrading existing systems to meet new system requirements for SATA drive connections and PCIe graphics

Features

- 80 Plus Certified
- Support for Intel and AMD Systems
- Active Power Factor Correction (A-PFC)
- Complies with ATX 12V rev: 2.3
- Complies with Intel EPS 12V rev: 2.8/2.92
- Large 12cm fan
- Protection: Short Circuit Protection (SCP), Over Voltage Protection (OVP), Over Current Protection (OCP), Over Power Protection (OPP)
- 110~240VAC Auto switching power supply

Technical Specifications

Warranty	2 Years
Output Connectors	1 - ATX 12V EPS Split Power (4+4 pin)
Output Connectors	1 - ATX 12V P4 Power (4 pin; v 2.x)
Output Connectors	1 - ATX AUX Power (6 pin; v 1.x)
Output Connectors	1 - ATX Split Power (20+4 pin; v 2.x)
Output Connectors	1 - PCI Express Power (8 pin; v 2.x)
Output Connectors	3 - LP4 (4 pin; Molex Large Drive Power)
Output Connectors	4 - SATA Power (15 pin)
Efficiency Rating	**115V:** 80% @ 20% - 110 Watt 80% @ 50% - 275 Watt 80% @ 100% - 550 Watt **230V:** 80% @ 20% - 110 Watt 80% @ 50% - 275 Watt 80% @ 100% - 550 Watt
Output Power	500W
Power Factor Correction	Active
Color	Black
Enclosure Type	Aluminum
Product Height	5.5 in [140 mm]
Product Length	5.9 in [150 mm]
Product Weight	3.5 oz [98 g]
Product Width	2.7 in [68 mm]
Current +12.0V1 (A)	35A
Current +12.0V2 (A)	35A
Current +12.0V3 (A)	35A
Current +12.0V4 (A)	35A
Current +3.3V (A)	20A
Current +5.0V (A)	20 A
Current +5.0Vsb (A)	2.5A
Current -12.0V (A)	0.5A
Current -5.0V (A)	20A
Input Voltage	100~240V
Input Voltage Frequency	50 ~ 60 Hz
Max Inrush Current	60A @ 110VAC / 120A @ 220VAC
Humidity	10~90% RH
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 80°C (-4°F to 176°F)

Included in Package   1 - 500 Watt Power Supply
Included in Package   1 - Quick Install Guide
Shipping (Package) Weight 0 lb [0 kg]

Certifications, Reports and Compatibility