

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

StarTech ID: ATX2PW450BR



The ATX2PW450BR 450 Watt 80 Plus® Bronze Power Supply offers an energy efficient replacement or upgrade for powering your desktop PC. Operating at an 82% to 85% efficiency between 20% and 100% load, 80 Plus Bronze 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 ATX2PW450BR 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 Bronze-certified power supply
- Upgrading existing systems to meet new system requirements for SATA drive connections and PCIe graphics

Features

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

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: 82% @ 20% - 90 Watt 85% @ 50% - 225 Watt 82% @ 100% - 450 Watt 230V: 81% @ 20% - 90 Watt 85% @ 50% - 225 Watt 81% @ 100% - 450 Watt
Output Power	450W
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	60.9 oz [1726 g]
Product Width	3.4 in [86 mm]
Current +12.0V1 (A)	37 A
Current +12.0V2 (A)	37 A
Current +12.0V3 (A)	37 A
Current +12.0V4 (A)	37 A
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)	37 A
Input Voltage	100 ~ 240 AC
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)

Shipping (Package) Weight 73.4 oz [2078 g]
Included in Package 1 - 450 Watt Power Supply
Included in Package 1 - Quick Install Guide

Certifications, Reports and Compatibility

