

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

Product ID: ATX2PW450GO



The ATX2PW450GO 450 Watt 80 Plus® Gold Power Supply offers an energy efficient replacement or upgrade for powering your desktop PC. Operating at an 87% to 90% efficiency between 20% and 100% load, 80 Plus Gold 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 ATX2PW450GO is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

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

Features

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

	Warranty	2 Years
Hardware	Fan Bearing Type	Sleeve Bearing
	Fans	1 - 120 mm
Performance	Efficiency Rating	115V: 87% @ 20% - 90 Watt 90% @ 50% - 225 Watt 87% @ 100% - 450 Watt 230V: 88% @ 20% - 90 Watt 92% @ 50% - 225 Watt 88% @ 100% - 450 Watt
	Output Power	450W
	Power Factor Correction	Active
	Connector(s)	Output Connectors
Power	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
	Input Voltage	100 ~ 240 AC
	Input Voltage Frequency	50 ~ 60 Hz
	Max Inrush Current	60A @ 110VAC / 120A @ 220VAC
Environmental	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)

Physical Characteristics	Color	Black
	Enclosure Type	Aluminum
	Product Height	3.3 in [85 mm]
	Product Length	5.5 in [140 mm]
	Product Weight	71.3 oz [2020 g]
	Product Width	5.9 in [150 mm]
Packaging Information	Shipping (Package) Weight	5 lb [2.3 kg]
What's in the Box	Included in Package	1 - 450 Watt Power Supply
		1 - Quick Install Guide

Product appearance and specifications are subject to change without notice.