

## 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

<b>Hardware</b>	Warranty	2 Years
	Fan Bearing Type	Sleeve Bearing
	Fans	1 - 120 mm
<b>Performance</b>	Efficiency Rating	<b>115V:</b> 87% @ 20% - 90 Watt 90% @ 50% - 225 Watt 87% @ 100% - 450 Watt
		<b>230V:</b> 88% @ 20% - 90 Watt 92% @ 50% - 225 Watt 88% @ 100% - 450 Watt
	Output Power	450W
	Power Factor Correction	Active
<b>Connector(s)</b>	Output Connectors	1 - ATX 12V EPS Split Power (4+4 pin) 1 - ATX 12V P4 Power (4 pin, v 2.x) 1 - ATX AUX Power (6 pin, v 1.x) 1 - ATX Split Power (20+4 pin, v 2.x) 1 - PCI Express Power (8 pin, v 2.x) 3 - LP4 (4 pin; Large Drive Power) 4 - SATA Power (15 pin)
<b>Power</b>	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
<b>Environmental</b>	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 [14 cm]	
	Product Width	5.9 in [15 cm]	
	Weight of Product	4.5 lb [2 kg]	
Packaging Information		Package Height	3.9 in [98 mm]
	Package Length	9.4 in [24 cm]	
	Package Width	8 in [20.2 cm]	
	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.