

530 Watt ATX12V 2.3 80 Plus Computer Power Supply Active PFC

StarTech ID: ATX2POWER530



This 530 Watt Power Supply is 80 Plus® Bronze certified, providing stable power while balancing maximum energy efficiency.

Compliant with ATX12V 2.3 standards, this EPS12V 2.91 power supply offers four 12V power rails, two 6-pin PCI Express connectors and an 8-pin EPS connector.

A versatile power solution, the PSU is suitable as an energy efficient replacement/upgrade power supply for desktop PCs, and features Active Power Factor Correction and 20/24 pin motherboard support to deliver the flexibility needed to support AMD or Intel CPU-based entry-level servers and high end work stations.

Designed to provide dependable, long-lasting power, this higher level 80 Plus 530 Watt ATX12V 2.3 EPS12V Computer power supply meets or exceeds 80 Plus® Bronze standards, providing 82% or greater efficiency at 20%, 50% and 100% loads and is backed by StarTech.com's 3-year warranty.

Applications

- Perfect solution for replacing older less reliable power supplies
- Upgrading existing system to meet new system requirements for SATA and PCIe graphics
- Upgrading or building energy efficient PC requiring an 80 Plus power supply

Features

- Higher efficiency, 80 Plus Bronze certified for greater heat reduction, increased system reliability and reduced energy costs
- Full support for Intel and AMD ATX Systems
- Four 12V rails for more consistent, reliable power
- Active Power Factor Correction (A-PFC)
- Protection: Short Circuit Protection (SCP), Over Voltage Protection (OVP), Over Current Protection (OCP), Over Power Protection (OPP), Over Temperature Protection (OTP)
- Complies with Intel EPS 12V rev: 2.8, and 2.92 specifications
- Built to ATX12V 2.3 standards
- 110~240VAC Auto switching power supply

Technical Specifications

Warranty	3 Years
Fans	1 - 80 mm
Fan Bearing Type	Sleeve Bearing
Output Connectors	1 - ATX 12V EPS Split Power (4+4 pin) Male
Output Connectors	1 - ATX Split Power (20+4 pin; v 2.x) Male
Output Connectors	1 - SP4 (4 pin; Small Drive Power) Female
Output Connectors	2 - PCI Express Power (6 pin; v 1.x) Female
Output Connectors	3 - LP4 (4 pin; Molex Large Drive Power) Female
Output Connectors	5 - SATA Power (15 pin) Receptacle
Fan RPM	3000 RPM +/-10%
Air Flow Rate	43.94 CFM
Noise Level	31.3 dBA
Output Power	530W
Peak Power Output	600W
Power Factor Correction	Active
Efficiency Rating	84.72% @20%/109W 85.61% @50%/271W 82.01% @100%/535W
MTBF	100,000 Hours
Color	Gray
Enclosure Type	Zinc-Plated Casing
Product Length	5.5 in [140 mm]
Product Width	5.9 in [150 mm]
Product Height	3.4 in [86 mm]
Product Weight	60.4 oz [1710 g]
Input Voltage Frequency	47~63Hz
Max Inrush Current	60A @ 110VAC / 120A @ 220VAC
Current -12.0V (A)	0.5A
Current +12.0V1 (A)	20A
Current +12.0V2 (A)	20A
Current +12.0V3 (A)	20A
Current +12.0V4 (A)	20A
Current +3.3V (A)	24A
Current +5.0V (A)	24A
Current +5.0Vsb (A)	2.5A

Input Voltage	110 ~ 240 AC
Input Current	10A @ 115VAC / 5A @ 230VAC
Operating Temperature	05/8/2012eg;C to 405/8/2012eg;C (325/8/2012eg;F to 1045/8/2012eg;F) @ 90% Load
Storage Temperature	-205/8/2012eg;C to 805/8/2012eg;C (-45/8/2012eg;F to 1765/8/2012eg;F)
Humidity	5~90% RH
Shipping (Package) Weight	5.2 lb [2.3 kg]
Included in Package	1 - 530 Watt ATX Power Supply
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

