

850W EPS12V 2.91 ATX12V 2.2 Computer Power Supply - 80 Plus Certified

StarTech ID: EPSP0W850PRO



This 850 Watt ATX12V 2.2/ EPS12V 2.91 Power Supply is 80 Plus® certified, providing stable power while balancing maximum energy-efficiency.

Ideal for advanced servers and desktops requiring the capability to handle modern processors such as Intel Pentium 4, Pentium D, Core 2 Duo and AMD Athlon 64 processor-based systems (single and dual core), StarTech.com's WattSmart EPS power supplies offer a versatile and reliable computer power solution.

Designed to support a versatile range of systems including servers and high-end graphic and gaming PC systems, the EPS12V power supply is SLI Ready certified, making it a perfect choice for powering far-reaching video chipsets such as the nVidia 8800GTS GPU.

The power supply is certified to meet or exceed 80 Plus® standards, providing 80% or greater efficiency at 20%, 50% and 100% loads and is backed by StarTech.com's 3-year warranty.

[View the 80 Plus Certification Report](#)

Applications and Solutions

- Designed with active power factor correction and RoHS compliance to meet requirements for installations in UK and Europe

- Installations requiring 80PLUS certification standard for higher efficiency power supplies, and for server/workstation upgrades or system builds required to meet new Energy Star specifications
- Servers and systems incorporating multiple hard drives such as SAS hard drives or hard drives with 10000 or greater RPM speeds
- SLi ready for full support of NVIDIA's high end graphic PC cards

Features

- Anti-corrosive nickel-plated
- Cable-tube (mesh) on main power cables for better cable management and neatness to improve airflow in system
- High performance components designed for extra long life span and providing maximum system performance
- Over Current Protection (OCP), 240VA Protection, Over Voltage Protection, Over Power Protection and Short Circuit Protection
- Two Dual Ball Bearing 80mm fans for extended life span

Technical Specifications

- Warranty: 3 Year warranty
- Color: Black
- Enclosure Type: Nickel-plated Steel
- Output Power: 850W
- Peak Power Output: 930W
- Efficiency Rating: >80% at Full Load
- EMI/RFI: Built-in EMI Filter and low ripple noise
- Power Factor Correction: Active
- MTBF: 100,000 hrs @ 25°C
- Fans: 2 - 80 mm
- Fan Bearing Type: Ball Bearing
- Noise Level: 22.2 (@20% Load)
28.2 (@50% Load)
41.8 (@100% Load)
- Connectors: 1 - 24 pin ATX Power with detachable 4 pin Female
- Connectors: 1 - 8 pin ATX12V EPS Power Female
- Connectors: 4 - 6 pin PCIe Power Female
- Connectors: 1 - 4 pin ATX 12V Power Female
- Connectors: 6 - 15 pin SATA Power Female
- Connectors: 6 - 4 pin Power (LP4) Female
- Connectors: 2 - 4 pin Mini-Power (SP4) Female
- Input Current: 15A @ 115V~ / 7.5A @ 230V~
- Input Voltage: 115 ~ 230 AC
- Input Voltage Frequency: 50~60Hz

- Max Inrush Current: 60A@110Vac; 120A@220Vac
@25 °C

- Current +12.0V1 (A): 20A
- Current +12.0V2 (A): 20A
- Current +12.0V3 (A): 20A
- Current +12.0V4 (A): 20A
- Current -12.0V (A): 0.5A
- Current +3.3V (A): 24A
- Current +5.0V (A): 30A
- Current +5.0Vsb (A): 3.0A
- Humidity: 10%~90% RH
- Storage Temperature: -20 ~ 80°C
- Operating Temperature: 0~30 °C @Full Load

40 °C @90% Rated Load

50 °C @80% Rated Load

- Product Length: 7.48 in [190 mm]
- Product Height: 3.39 in [86 mm]
- Product Weight: 6.96 lb [3.15 kg]
- Product Width: 5.91 in [150 mm]
- Shipping (Package) Weight: 7.96 lb [3.6 kg]
- Carton Quantity: 10

