

## 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

- SLI ready for full support of NVIDIA's high end graphic PC cards
- 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
- Designed with active power factor correction and RoHS compliance to meet requirements for installations in UK and Europe
- Servers and systems incorporating multiple hard drives such as SAS hard drives or hard drives with 10000 or greater RPM speeds

## Features

- Two Dual Ball Bearing 80mm fans for extended life span
- Over Current Protection (OCP), 240VA Protection, Over Voltage Protection, Over Power Protection and Short Circuit Protection
- 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
- Anti-corrosive nickel-plated

## Technical Specifications

Warranty	3 Years
Fans	2 - 80 mm
Fan Bearing Type	Ball Bearing
Output Connectors	1 - ATX 12V EPS Power (8 pin) Female
Output Connectors	1 - ATX 12V P4 Power (4 pin; v 2.x) Female
Output Connectors	1 - ATX Split Power (20+4 pin; v 2.x) Male
Output Connectors	2 - SP4 (4 pin; Small Drive Power) Female
Output Connectors	4 - PCI Express Power (6 pin; v 1.x) Female
Output Connectors	6 - LP4 (4 pin; Molex Large Drive Power) Female
Output Connectors	6 - SATA Power (15 pin) Receptacle
Noise Level	22.2 dBA (@20% Load) 28.2 dBA (@50% Load) 41.8 dBA (@100% Load)
Output Power	850W
Peak Power Output	930W
Power Factor Correction	Active
Efficiency Rating	>80% at Full Load
MTBF	100,000 Hours @ 25°C
Color	Black
Enclosure Type	Nickel-plated Steel
Product Length	7.5 in [190 mm]
Product Width	5.9 in [150 mm]
Product Height	3.4 in [86 mm]
Product Weight	7 lb [3.1 kg]
Input Voltage Frequency	50~60Hz
Max Inrush Current	60A@110Vac; 120A@220Vac @25 °C
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)	30A
Current +5.0Vsb (A)	3.0A

Input Voltage	115 ~ 230 AC
Input Current	15A @ 115V~ / 7.5A @ 230V~
Operating Temperature	0~30 °C @Full Load 40 °C @90% Rated Load 50 °C @80% Rated Load
Storage Temperature	-20 ~ 80°C
Humidity	10%~90% RH
Shipping (Package) Weight	8 lb [3.6 kg]
Included in Package	1 - Power Supply
Included in Package	1 - Power Cord
Included in Package	1 - Manual

**Certifications, Reports and Compatibility**

