



# EVGA SuperNOVA 850 P5, 80 Plus Platinum 850W, Fully Modular, Eco Mode with FDB Fan, 10 Year Warranty, Includes Power ON Self Tester, Compact 150mm Size, Power Supply 220-P5-0850-X1

Part Number: 220-P5-0850-X1



The EVGA SuperNOVA P5 joins the elite ranks of the EVGA 80 PLUS Platinum power supplies. These power supplies continue to push the envelope with the latest certifications and Intel® 1/2 power-on standards. Replete with 80 PLUS Platinum-rated efficiency, a fully-modular cable design, 100% Japanese capacitors, and an ultra-quiet 135mm Fluid Dynamic bearing fan with EVGA ECO mode, these power supplies are built for performance and silence.

## FEATURES

- 80 PLUS Platinum certified, with 92% (115VAC) / 94% (220VAC~240VAC) efficiency or higher under typical loads
- 100% Japanese Capacitors ensure long-term reliability
- Fully Modular to reduce clutter and improve airflow
- Fluid Dynamic Bearing Fan for ultra-quiet operation and increased lifespan.
- Unbeatable EVGA 10 Year Warranty and unparalleled EVGA Customer Support
- Active Clamp +DC to DC design for efficient operation
- DC-DC Converter improves 3.3V/5V stability
- Active Power Factor Correction
- EVGA ECO Intelligent Thermal Control System eliminates fan noise at low to medium loads
- NVIDIA SLI & AMD Crossfire Ready
- Heavy-duty protections, including OVP (Over Voltage Protection), UVP (Under Voltage Protection), OCP (Over Current Protection), OPP (Over Power Protection), SCP (Short Circuit Protection), and OTP (Over Temperature Protection)

## CABLE LENGTH

ATX Cable	1x 600mm
EPS Cable	2x 700mm
PCIe Cable	2x 700mm, 2x 700mm, 850mm
SATA Cable	3x 550mm, 650mm, 750mm
Four-Pin Peripheral Cable	1x 550mm, 650mm, 750mm, 850mm
Floppy Adapter	1x 100mm
AC Power	1x 1500mm
Modular Cable Type	Full

## CONNECTOR QUANTITY

24 Pin ATX	1x 24pin
EPS (CPU)	2x 8pin (4+4)
PCIe	6x 8pin (6+2)
SATA	9x
Four-Pin Peripheral	4x
Floppy	1x

## INPUT

Input Voltage	100-240V~
AC Input	12-5A
Input Frequency Range	60/50 Hz
Efficiency	92% (115VAC) / 94% (220VAC~240VAC) or Higher Typical

## OUTPUT

Rail	+3.3V	+5V	+12V	-12V	+5Vsb
Max output	24A	24A	70.8A	0.5A	3A
	120W		850W	6W	15W
Total	850W				

## ADDITIONAL DETAILS

Operating Temperature	0° to 50° C
Japanese Capacitors	100%
ECO Mode	Yes
MTBF	100,000 Hours
Gross Weight	7 lbs
Size	86mm (H) x 150mm (W) x 150mm (L)
Approvals	TUV, CB, CE, FCC, RCM, cTUVus, WEEE, RoHS Compliance with ErP Lot 3 2014 Requirement
Fan Size / Bearing	135mm Fluid Dynamic Bearing
UPC	843368067847
EAN	4250812438843



## PRODUCT WARRANTY

This product is covered under EVGA's 10 year limited warranty which covers parts and labor. Further warranty extension is available upon registration within 90 days of purchase. For more details please visit <https://www.evga.com/warranty/>