



EVGA SuperNOVA 850 G5, 80 Plus Gold 850W, Fully Modular, Eco Mode with FDB Fan, 10 Year Warranty, Includes Power ON Self Tester, Compact 150mm Size, Power Supply 220-G5-0850-X1

Part Number: 220-G5-0850-X1



The EVGA SuperNOVA G5 joins the elite ranks of the EVGA 80 PLUS Gold power supplies. As the successor to the award-winning G3 series, the G5 power supplies continue to push the envelope with the latest certifications and Intel power-on standards. Starting with 80 PLUS Gold certification, 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 Gold certified, with 91% (115VAC) / 92% (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 (m)
EPS Cable	2x 700mm (m)
PCIe Cable	2x 700mm, 2x 700mm, 850mm (m)
SATA Cable	3x 550mm, 650mm, 750mm (m)
Four-Pin Peripheral Cable	1x 550mm, 650mm, 750mm, 850mm (m)
Floppy Adapter	1x 100mm
AC Power	1x 1500mm (m)
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 - 240 VAC
AC Input	12-5A
Input Frequency Range	50/60 Hz
Efficiency	91% (115VAC) / 92% (220VAC~240VAC) or Higher Typical

OUTPUT

Rail	+3.3V	+5V	+12V	-12V	+5Vsb
Max output	24A	24A	70.8A	0.5A	3A
			849.2W		
	120W		849.2W	6W	15W
Total	850W @ +50C				

ADDITIONAL DETAILS

Operating Temperature	0° to 50° C
Japanese Capacitors	100%
ECO Mode	Yes
MTBF	100,000 Hours
Gross Weight	7.00 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	843368062163
EAN	4250812433374



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 <http://www.evga.com/warranty/>