



EVGA SuperNOVA 850 G2, 80+ GOLD 850W, Fully Modular, EVGA ECO Mode, 10 Year Warranty, Includes FREE Power On Self Tester Power Supply 220-G2-0850-XR

Part Number: 220-G2-0850-XR



Ready for 4th Generation Intel Core Processors (C6/C7 Idle Mode)

Unleash the next generation in power with the EVGA SuperNOVA 850 G2 Power Supply. Based on the award winning G2 series Power Supplies from EVGA, this power supply features 80 PLUS Gold rated efficiency, and clean, continuous power to every component. The new ECO Thermal Control Fan System offers fan modes to provide zero fan noise during low load operations. This provides improved efficiency for longer operation, less power consumption, reduced energy costs and minimal heat dissipation. Backed by a 10 year warranty and Japanese capacitor design, the EVGA SuperNOVA 850 G2 is not only the right choice for your system today, it is also the best choice for your system tomorrow.

Learn more [here](#)

FEATURES

- Unbeatable 10 Year Warranty and unparalleled EVGA Customer Support
- 80 PLUS Gold certified, with 90% (115VAC) / 92% (220VAC~240VAC) efficiency or higher under typical loads
- Highest quality Japanese brand capacitors ensure long-term reliability
- Fully Modular to reduce clutter and improve airflow
- NVIDIA SLI & AMD Crossfire Ready
- Double Ball Bearing fan for exceptional reliability and quiet operation
- Heavy-duty protections, including OVP (Over Voltage Protection), UVP (Under Voltage Protection), OCP (Over Current Protection), OPP (Over Power Protection), and SCP (Short Circuit Protection)

CABLE LENGTH

ATX Cable	1x 600mm (m)
EPS Cable	2x 700mm (m)
PCIE Cable	2x 700mm, 850mm (m) 2x 700mm (m)
SATA Cable	2x 550mm, 650mm, 750mm (m) 1x 550mm, 650mm, 750mm, 850mm (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
EPS (CPU)	2x 8pin (4+4)
PCIE	4x 8pin (6+2), 2x 6pin
SATA	10x
Four-Pin Peripheral	4x
Floppy	1x

INPUT

Input Voltage	100 - 240 VAC
AC Input	10A
Input Frequency Range	50 - 60 Hz
Efficiency	90% (115VAC) / 92% (220VAC~240VAC) or Higher Typical

OUTPUT

Rail	+3.3V	+5V	+12V	+5Vsb	-12V
Max output	24A	24A	70.8A	3.0A	0.5A
			849.6W		
			849.6W		
	120W		850W @ +50C	15W	6W
Total					

ADDITIONAL DETAILS

Operating Temperature	0° to 50° C
Japanese Capacitors	100%
ECO Mode	Yes
MTBF	100,000 Hours
Net Weight	6 lbs
Size	85mm (H) x 150mm (W) x 180mm (L)
Approvals	TUV, CB, CE, FCC, RCM, cTUVus, BSMI, CCC, WEEE, RoHS Compliance with ErP Lot 6 2013 Requirement

Fan Size / Bearing	140mm Double Ball Bearing
UPC	843368027445
EAN	4250812402752



PRODUCT WARRANTY

This product is covered under EVGA's 10 year 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/>