



# EVGA SuperNOVA 650 G5, 80 Plus Gold 650W, Fully Modular, E-FDB Fan, 10 Year Warranty, Includes Power ON Self Tester, Core Size, Power Supply 220-G5-0650-X1

Part Num



The EVGA SuperNOVA G5 joins the elite ranks of the EVGA 80 PLUS Gold power supplies, the award-winning G3 series, the G5 power supplies continue to push the envelope with the and Intel power-on standards. Starting with 80 PLUS Gold certification, a fully-modular cable Japanese capacitors, and an ultra-quiet 135mm Fluid Dynamic bearing fan with EVGA ECO 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), SCP (Short Circuit Protection), and OTP (Over Temperature Protection)

## CABLE LENGTH

ATX Cable	1x 600mm (m)
EPS Cable	1x 700mm (m)
PCIe Cable	1x 700mm, 1x 700mm, 850mm (m)
SATA Cable	2x 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 (20+4)
EPS (CPU)	1x 8pin (4+4)
PCIe	3x 8pin (6+2)
SATA	6x
Four-Pin Peripheral	4x
Floppy	1x

## INPUT

Input Voltage	100 - 240 VAC
AC Input	10-5A
Input Frequency Range	50/60 Hz
Efficiency	91% (115VAC) / 92% (220VAC~240VAC) or Higher Typical

## OUTPUT

Rail	+3.3V	+5V	+12V	-12V	
Max output	24A	24A	54.1A	0.5A	
			649.2W		
			649.2W		
Total	120W		650W @ +50C	6W	

## ADDITIONAL DETAILS

<b>Operating Temperature</b>	0° to 50° C
<b>Japanese Capacitors</b>	100%
<b>ECO Mode</b>	Yes
<b>MTBF</b>	100,000 Hours
<b>Net Weight</b>	6 lbs
<b>Size</b>	86mm (H) x 150mm (W) x 150mm (L)
<b>Approvals</b>	TUV, CB, CE, FCC, RCM, cTUVus, WEEE, RoHS Compliance with ErP Lot 3 2014 Requirement
<b>Fan Size / Bearing</b>	135mm Fluid Dynamic Bearing
<b>UPC</b>	843368062064
<b>EAN</b>	4250812433275



## 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/>