



# EVGA 650 GQ, 80+ GOLD 650W, Semi Modular, EVGA ECO Mod Warranty, Power Supply 210-GQ-0650-V1

Part Numl



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

Introducing the latest in the EVGA power supply lineup; the GQ series. These power supplies offer the best features from EVGA's award winning power supplies, like EVGA ECO fan mode for Japanese Capacitor Design and a highly efficient design, at an excellent value. These new GQ series power supplies are Plus Gold rated and offer an outstanding 5 Year Warranty that's backed by world class EVGA engineering.

## FEATURES

- 100% Japanese Capacitors ensure long-term reliability
- 5 Year Warranty and unparalleled EVGA Customer Support
- 80 PLUS Gold certified, with 90% (115VAC) / 92% (220VAC~240VAC) efficiency or higher under typical loads
- Active Clamp +DC to DC design for efficient operation
- Active Power Factor Correction
- EVGA ECO Intelligent Thermal Control System eliminates fan noise at low to medium loads
- 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)
- Modular Design to reduce clutter and improve airflow
- NVIDIA SLI & AMD Crossfire Ready
- Whisper Silent with 135mm Fluid Dynamic Bearing Fan

### CABLE LENGTH

ATX Cable	1x 600mm (m)
EPS Cable	2x 650mm (m)
PCIe Cable	2x 650mm, 750mm (m)
SATA Cable	3x 550mm, 650mm, 750mm (m)
Four-Pin Peripheral Cable	1x 550mm, 650mm, 750mm (m)
Floppy Adapter	1x 100mm (m)
AC Power	1x 1530mm (m)
Modular Cable Type	Modular

### CONNECTOR QUANTITY

24 Pin ATX	1x
EPS (CPU)	2x 8pin (4+4)
PCIe	4x 8pin (6+2)
SATA	9x
Four-Pin Peripheral	3x
Floppy	2x

### 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	-12V	
Max output	24A	24A	54A	0.5A	
			648W		
Total	120W		648W	6W	
			650W @ +50C		

### ADDITIONAL DETAILS

Operating Temperature	0° to 50° C
Japanese Capacitors	100%

<b>ECO Mode</b>	Yes
<b>MTBF</b>	100,000 Hours
<b>Net Weight</b>	5 lbs
<b>Size</b>	85mm (H) x 150mm (W) x 165mm (L)
<b>Approvals</b>	TUV, CB, CE, FCC, RCM, cTUVus, BSMI, CCC, WEEE, RoHS Compliance with ErP Lot 6 2013 Requirement
<b>Fan Size / Bearing</b>	135mm Fluid Dynamic Bearing
<b>UPC</b>	843368035709
<b>EAN</b>	4250812409188



## PRODUCT WARRANTY

This product is covered under EVGA's 5 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/>