

EVGA.

# **EVGA 850 GQ, 80+ GOLD 850W, Semi Modular, EVGA ECO Mode, 5 Year Warranty, Power Supply 210-GQ-0850-V1**

Part Number: 210-GQ-0850-V1



## **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 take some of the best features from EVGA's award winning power supplies, like EVGA ECO fan mode for near silent operation, Japanese Capacitor Design and a highly efficient design, at an excellent value. These new power supplies are 80 Plus Gold rated and offer an outstanding 5 Year Warranty that's backed by world class EVGA support.

## **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 (PFC)
- EVGA ECO Intelligent Thermal Control System eliminates fan noise at low to medium loads
- Modular Design to reduce clutter and improve airflow
- NVIDIA SLI & AMD Crossfire Ready
- Whisper Silent with 135mm Fluid Dynamic Bearing Fan

## Cable Length

<b>ATX Cable</b>	1x 600mm (m)
<b>EPS Cable</b>	2x 650mm (m)
<b>PCIE Cable</b>	4x 650mm, 750mm (m)
<b>SATA Cable</b>	3x 550mm, 650mm, 750mm (m)
<b>Four-Pin Peripheral Cable</b>	1x 550mm, 650mm, 750mm (m)
<b>Floppy Adapter</b>	1x 100mm (m)
<b>AC Power</b>	1x 1530mm (m)
<b>Modular Cable Type</b>	Modular

## Connector Quantity

<b>24 Pin ATX</b>	1x
<b>EPS (CPU)</b>	2x 8pin (4+4)
<b>PCIE</b>	8x 8pin (6+2)
<b>SATA</b>	9x
<b>Four-Pin Peripheral</b>	3x
<b>Floppy</b>	2x

## Input

<b>Input Voltage</b>	100 - 240 VAC
<b>AC Input</b>	14A
<b>Input Frequency Range</b>	50 - 60 Hz
<b>Efficiency</b>	90% (115VAC) / 92% (220VAC~240VAC) or Higher Typical

## Output

<b>Rail</b>	+3.3V	+5V	+12V	+5Vsb	-12V
<b>Max output</b>	24A	24A	70.8A	3A	0.5A
	120W	849.6W	849.6W	15W	6W
<b>Total</b>	850W @ +50C				

## 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>	85mm (H) x 150mm (W) x 180mm (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

UPC  
EAN

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## 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/>