



# EVGA 220-B5-0850-V1 850 B5 80 Plus BRONZE 850W Fully Modular Power Supply

\$124.95

## Product Images





## Short Description

The B5 power supplies provide maximum flexibility for system builders with a fully modular design and a small chassis across all models. At 150mm length, the B5 power supplies provide solid, affordable power for all manner of system builds and cases. The ultra-quiet 135mm Fluid-Dynamic Bearing fan becomes silent when coupled with EVGA ECO mode to turn off the fan in low to medium loads. The larger fan and carefully tuned profile creates a quieter experience than the B3 power supplies.

## Description

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The B5 power supplies provide maximum flexibility for system builders with a fully modular design and a small chassis across all models. At 150mm length, the B5 power supplies provide solid, affordable power for all manner of system builds and cases. The ultra-quiet 135mm Fluid-Dynamic Bearing fan becomes silent when coupled with EVGA ECO mode to turn off the fan in low to medium loads. The larger fan and carefully tuned profile creates a quieter experience than the B3 power supplies. Featuring an LLC Resonant design + DC to DC converter, EVGA B5 power supplies are up to 89 efficient - well above 80 Plus Bronze requirements. Moreover, the B5 power supplies are designed with modern standards, including Features 80 PLUS Bronze certified, with 85 efficiency or higher under typical loads Fully Modular to reduce clutter and improve airflow EVGA ECO Intelligent Thermal Control System eliminates fan noise at low to medium loads.



## SCULPTED FOR THE NEXT GENERATION OF BRONZE POWER.

Introducing the EVGA B5 power supplies, the latest power supplies to carry on the EVGA tradition of reliability, performance, and affordability.

Here are 5 Facts about the new flagship for EVGA 80PLUS Certified Bronze power supplies.



### FULLY MODULAR, SMALL-SIZE

The B5 power supplies provide maximum flexibility for system builders with a fully modular design and a small chassis across all models. At 80mm length, the B5 power supply provides safe, affordable power for all manner of system builds and cases.



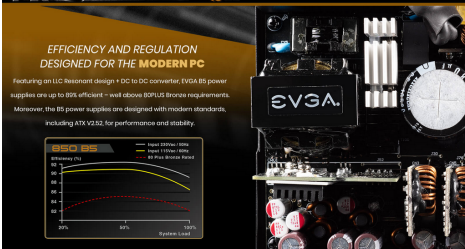
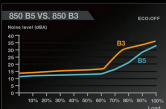
### SAFE & RELIABLE JAPANESE CAPACITOR

Next, the B5 power supply features one of the most important standards for reliability – Japanese capacitors. Featuring a Japanese main capacitor on the 850W and 950W models, the B5 power supplies will provide safe and reliable power for years to come.



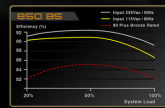
### SILENT, LONG-LASTING 135MM FLUID-DYNAMIC BEARING FAN WITH ECO MODE

The ultra-quiet 135mm Fluid-Dynamic Bearing fan becomes silent when coupled with EVGA ECO mode to turn off the fan in low to medium loads. The larger fan and carefully tuned profile creates a quieter experience than the B5 power supplies.



### EFFICIENCY AND REGULATION DESIGNED FOR THE MODERN PC

Featuring an LLC Resonant design + DC to DC converter, EVGA B5 power supplies are up to 95% efficient – well above 80PLUS Bronze requirements. Moreover, the B5 power supplies are designed with modern standards, including ATX 12V.2, for performance and stability.



### EVGA 5 YEAR LIMITED WARRANTY + FULL SUITE OF PROTECTIONS



- OCP** - Over-Current Protection
- OPP** - Over-Power Protection
- OTP** - Over-Temperature Protection
- OVP** - Over-Voltage Protection
- SCP** - Short Circuit Protection
- UVP** - Under Voltage Protection

## MAKE THE EVGA B5 POWER SUPPLIES THE CENTERPIECE OF YOUR NEXT SYSTEM.



### POWER CHART

AC Input	100-240V~, 10-5A, 60/50Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output	24A	24A	70.8A	0.5A	3.0A
Combined Output	120W	850W	6W	15W	850W

## Features

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Features:

- 80 PLUS Bronze certified, with 89% efficiency or higher under typical loads
- Fully Modular to reduce clutter and improve airflow
- EVGA ECO Intelligent Thermal Control System eliminates fan noise at low to medium loads
- 5 Year Warranty and unparalleled EVGA Customer Support
- Heavy-duty protections, including OVP, UVP, OCP, OPP, SCP, and OTP

## Specifications

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### SPECIFICATIONS:

Model

**Brand** EVGA

**Series** 850 B5

**Model** 220-B5-0850-V1

Details

<b>Type</b>	ATX12V / EPS12V
<b>Maximum Power</b>	850W
<b>Fans</b>	1 x 135mm Fluid Dynamic Bearing Fan
<b>PFC</b>	Active
<b>Main Connector</b>	20+4Pin
<b>+12V Rails</b>	Single
<b>PCI-Express Connector</b>	6 x 6+2-Pin
<b>SATA Power Connector</b>	9
<b>Haswell Support</b>	Yes
<b>Modular</b>	Full Modular
<b>Efficiency</b>	89% or Higher (Under typical load)
<b>Energy-Efficient</b>	80 PLUS BRONZE Certified

<b>Over Voltage Protection</b>	Yes
<b>Input Voltage</b>	100 - 240 V
<b>Input Frequency Range</b>	50/60 Hz
<b>Input Current</b>	10 - 5 A
<b>Output</b>	+3.3V@24A, +5V@24A, +12V@70.8A, -12V@0.5A, +5Vsb@3A
<b>MTBF</b>	>100,000 Hours
<b>Approvals</b>	TUV, CB, CE, FCC, RCM, cTUVus, WEEE, RoHS, Compliance with ErP Lot 3 2014 Requirement
<b>Dimensions</b>	3.39" x 5.91" x 5.91"
<b>Max PSU Length</b>	150 mm
<b>Weight</b>	3.50 lbs.

#### Features

<b>Connectors</b>	1 x 24 Pin ATX (20+4)
	2 x 8 Pin EPS (4+4)
	6 x 8 Pin PCIe (6+2)
	9 x SATA
	3 x Four-Pin Peripheral
	1 x Floppy

80 PLUS Bronze certified, with 85% efficiency or higher under typical loads

Fully Modular to reduce clutter and improve airflow

#### Features

EVGA ECO Intelligent Thermal Control System eliminates fan noise at low to medium loads

5 Year Warranty and unparalleled EVGA Customer Support

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)

## Additional Information

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SKU	220-B5-0850-V1
Weight	8.0000
Color	Black
PSU Type	ATX
PSU Style	Modular
PSU Wattage	850W
PSU Efficiency	80 PLUS Bronze
Vendor SKU/EAN	0843368064358

