



EVGA SuperNOVA 650 P2 Power Supply

Part Number: 220-P2-0650-X3



The unbeatable performance of the EVGA SuperNOVA P2 power supply line is now available in 650 watts. Based on the award winning P2 power supplies, this unit features 80 Plus Platinum rated efficiency, and clean, continuous power to every component. The ECO Control Fan system offers fan modes to provide absolutely zero fan noise during low load to medium load operations. Backed by an award winning 10 year warranty, and 100% Japanese capacitor design, the EVGA SuperNOVA 650 P2 power supply offers unbeatable performance at an unbeatable value.

FEATURES

- Unbeatable 10 Year Warranty and unparalleled EVGA Customer Support
- Highest quality Japanese brand capacitors ensure long-term reliability
- Fully Modular to reduce clutter and improve airflow
- NVIDIA SLI & AMD Crossfire Ready
- 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)
- 80 PLUS Platinum certified, with 92% (115VAC) / 94% (220VAC~240VAC) efficiency or higher under typical loads

CABLE LENGTH

ATX Cable	1x 600mm (m)
EPS Cable	1x 700mm, 850mm (m)
PCIe Cable	2x 700mm, 850mm (m)
SATA Cable	3x 500mm, 600mm, 700mm (m)
Four-Pin Peripheral Cable	2x 500mm, 600mm, 700mm (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	2x 8pin (6+2), 2x 6pin
SATA	9x
Four-Pin Peripheral	6x
Floppy	1x

INPUT

Input Voltage	100 - 240 VAC
AC Input	10A
Input Frequency Range	50 - 60 Hz
Efficiency	92% (115VAC) / 94% (220VAC~240VAC) or Higher Typical

OUTPUT

Rail	+3.3V	+5V	+12V	+5Vsb	-12V
Max output	20A	20A	54.1A	2.5A	0.5A
	100W		649.2W	12.5W	6W
Total	650W @ +50C				

ADDITIONAL DETAILS

Operating Temperature	0° to 50° C
Japanese Capacitors	100%
ECO Mode	Yes
MTBF	100,000 Hours
Net Weight	6 lbs
Size	86mm (H) x 150mm (W) x 165mm (L)
Approvals	TUV, CB, CE, FCC, RCM, cTUVus, WEEE, RoHS Compliance with ErP Lot 6 2013 Requirement
Fan Size / Bearing	140mm Double Ball Bearing

PRODUCT WARRANTY



This product is covered under EVGA's 10 year warranty which covers parts and labor.
For more details please visit www.evga.com/warranty