



VICTRON Quattro 12/5000/220-100 Charger-Inverter 12V 2x100A

Reference: QUA125020000

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The VICTRON Quattro 12/5000/220-100 is a combined inverter and charger with multiple functions, parallel capability, and remote control.

The VICTRON Quattro 12/5000/220-100 represents an advanced-level combined inverter and charger, similar to its MultiPlus counterpart, but with the aim of delivering exceptional performance. This device excels due to its ability to accommodate two alternating current (AC) inputs and automatically connect to the presently active source. Its features are extensive, but particularly noteworthy are the pure sine wave inverter, adaptive charging, and PowerAssist hybrid technology.

The VICTRON Quattro 12/5000/220-100 can connect to two distinct AC sources, such as power from the electrical grid and a generator. Fully automated, the device links to the active AC input. Its primary output is equipped with an uninterrupted power supply (no-break) system, ensuring a steady flow of energy to connected loads even in cases of interruptions in power supply from the grid or generator.

The second output of the VICTRON Quattro 12/5000/220-100 becomes operational only when an AC source is available in one of its inputs. This output is ideal for powering loads that don't require direct battery energy, such as air conditioning or hot water boilers.

The VICTRON Quattro 12/5000/220-100 inverter charger also provides protection against overloads in situations where AC sources are limited, such as when using a generator or being connected to the electrical grid. In such circumstances, the VICTRON Quattro 12/5000/220-100 automatically adjusts battery charging to prevent potential overloads.

It's possible to further increase overall power by combining up to 6 VICTRON Quattro devices in parallel. Moreover, the system can be configured in three-phase or auxiliary phase modes based on specific needs. Regarding monitoring and control, the VICTRON Quattro 12/5000/220-100 can be linked to a GX device like the Cerbo GX.

Technical Specifications of VICTRON Quattro 12/5000/220-100

PowerControl and PowerAssist: Yes
Transfer Switch: Yes
Maximum AC Input Current: 2 x 100 A

INVERTER

DC Input Voltage Range: 9.5 - 17 V
Output Voltage: 230 VAC \pm 2%
Frequency: 50 Hz \pm 0.1% (1)
Continuous Output at 25 °C: 5000 VA
Continuous Output at 25° / 40 °C / 65°C: 4000 W / 3700 W / 3000 W
Peak Power: 10000 W

Maximum Efficiency: 94%
Zero Load: 20 W
Standby Power in AES Mode: 10 W

CHARGER

"Absorption" Charge Voltage: 14.4 V
"Float" Charge Voltage: 13.8 V
Storage Mode Voltage: 13.2 V
Battery Charge Current: 220 A
Battery Temperature Sensor: Yes

Width: 280 mm
Length: 350 mm
Height: 470 mm
Weight: 34 kg

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Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Frequency (Hz)	50
Voltage (V)	230
Protection degree	IP21
Output voltage (V)	220
Nominal current (A)	14.4
Charging voltage (V)	12
Length (mm)	280
Width (mm)	350
Height (mm)	470
Overload protectors	Yes
Input voltage (V)	12
Kind of wave	Pure Sinusoidal
Continuous power (W)	4000
Colour	Blue
Weight (Kg)	34