



VICTRON Quattro 24/3000/70-50 Charger-Inverter 24V 2x50A

Reference: QUA243020010

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VICTRON Quattro 24/3000/70-50 combined pure sine wave inverter and charger with multiple functions, parallel and remote control.

The VICTRON Quattro 24/3000/70-50 is a top-tier combined inverter and charger, akin to its MultiPlus counterpart, yet with the aim of delivering exceptional performance. This device excels thanks to its ability to accommodate two alternating current (AC) inputs and to automatically connect to the currently active source. Its features are numerous, but most notably include the inverter that produces a pure sine wave, adaptive charging, and the PowerAssist hybrid technology.

The second output of the VICTRON Quattro 24/3000/70-50 only activates when an AC source is present in one of its inputs. This output is ideal for powering loads that do not require direct battery energy, such as air conditioning or a water heater.

The inverter charger VICTRON Quattro 24/3000/70-50 also offers protection from overloads in situations where AC sources are limited, as when using a generator or being connected to the electrical grid. In such circumstances, the VICTRON Quattro 24/3000/70-50 automatically adjusts battery charging to prevent overloads. Additionally, it has the capability to augment the output of the generator or the electrical grid using battery energy.

The total power can be further increased by combining up to 6 VICTRON Quattro devices in parallel. Moreover, there's the flexibility of configuring the system in three-phase or auxiliary phase modes, according to specific needs. As for monitoring and control, the VICTRON Quattro 24/3000/70-50 can be linked to a GX device such as the Cerbo GX.

This setup enables monitoring and management of both the inverter charger and the entire system, both locally through a LAN network and remotely via the Internet. This level of control offers a wide range of options, from adjusting settings of the VICTRON Quattro 24/3000/70-50 to automatically initiating an emergency generator and much more.

Technical Specifications VICTRON Quattro 24/3000/70-50

PowerControl and PowerAssist: Yes
Transfer Switch: Yes
Maximum AC Input Current: 2 x 50 A

INVERTER

DC Input Voltage Range: 19 - 33 V
Output Voltage: 230 VAC \pm 2 %
Frequency: 50 Hz \pm 0.1 % (1)
Continuous Output at 25 °C: 3000 VA
Continuous Output at 25° / 40 °C / 65°C: 2400 W / 2200 W / 1700 W
Peak Power: 6000 W
Maximum Efficiency: 94 %

Zero Load Power Consumption: 15 W
Standby Power Consumption in AES Mode: 10 W

CHARGER

"Absorption" Charge Voltage: 28.8V
"Float" Charge Voltage: 27.6 V
Storage Mode Voltage: 26.4 V
Battery Charge Current: 70 A
Battery Temperature Sensor: Yes

Width: 218 mm
Length: 258 mm
Height: 362 mm
Weight: 19 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)	230
Nominal current (A)	28.8
Charging voltage (V)	24
Length (mm)	218
Width (mm)	258
Height (mm)	362
Overload protectors	Yes
Input voltage (V)	24
Kind of wave	Pure Sinusoidal
Continuous power (W)	2400
Colour	Blue
Weight (Kg)	19