



VICTRON Quattro 48/5000/70-100/100 Charger-Inverter 48V 2x100A

Reference: QUA485021010

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The VICTRON Quattro 48/5000/70-100/100 is a pure sine wave charger-inverter combining multiple functions, parallel operation, and remote control.

The VICTRON Quattro 48/5000/70-100/100 is an advanced combined inverter and charger system designed for exceptional performance. With two alternating current (AC) inputs and a built-in transfer switch, the VICTRON Quattro 48/5000/70-100/100 charger-inverter easily connects to two independent AC sources, such as the grid and a generator, with automatic transition to the active source.

This device offers two AC outputs, with the main output equipped with a no-break system. In case of grid outage or disconnection from the generator/shore power, the VICTRON Quattro 48/5000/70-100/100 ensures such a rapid transition (less than 20 milliseconds) that devices like computers and electronics continue to operate without interruption. The second output activates only when an AC source is available at one of the inputs of the VICTRON Quattro 48/5000/70-100/100, and it's ideal for powering loads like a boiler that don't discharge the battery.

The PowerControl and PowerAssist functions enable the VICTRON Quattro 48/5000/70-100/100 charger-inverter to manage loads from the generator or shore power, preventing overloads and optimizing energy usage. Moreover, the PowerAssist technology allows the VICTRON Quattro 48/5000/70-100/100 to integrate alternative sources like solar, ensuring reliable power even during distribution grid interruptions.

The flexible system configuration suits various applications. Monitoring and control can be done on-site through interfaces like the Battery Monitor, Color Control GX, and GX devices, or remotely through the Color Control GX and other GX devices. Data can be saved and viewed for free on the VRM (Victron Remote Management) website. The configuration can be adjusted both locally and remotely, providing complete and personalized system control.

TECHNICAL SPECIFICATIONS of VICTRON Quattro 48/5000/70-100/100

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

INVERTER

DC Input Voltage Range: 38 - 66 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: 95 %

Zero Load: 30 W
Standby in AES mode: 15 W

BATTERY CHARGER

"Absorption" Charge Voltage: 57.6 V
"Float" Charge Voltage: 55.2 V
Storage Mode Voltage: 52.8 V
Battery Charge Current: 70 A
Battery Temperature Sensor: Yes

Width: 240 mm
Length: 328 mm
Height: 444 mm
Weight: 30 kg

Looking for a product with different technical specifications? [Here](#) you can find the complete range of VICTRON charger-inverters and other specialized brands.

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)	57.6
Charging voltage (V)	24
Length (mm)	240
Width (mm)	328
Height (mm)	444
Overload protectors	Yes
Input voltage (V)	48
Kind of wave	Pure Sinusoidal
Continuous power (W)	4000
Colour	Blue
Weight (Kg)	30