



VICTRON Quattro 24/5000/120-100 Charger-Inverter 24V 2x100A

Reference: QUA245021010

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The VICTRON Quattro 24/5000/120-100 is a combined inverter and charger with multiple functions, parallel capability, and remote control.

The VICTRON Quattro 24/5000/120-100 represents a combined high-end inverter and charger system, similar to its MultiPlus counterpart, but with a focus on providing exceptional performance. This device is distinguished by its ability to accommodate two alternating current (AC) inputs and automatically connect to the active source at that time. Its features are many, but the inverter producing a pure sine waveform, adaptive charging, and PowerAssist hybrid technology stand out in particular.

The VICTRON Quattro 24/5000/120-100 inverter and charger can be connected to two different sources of alternating current (AC), such as power from the grid and a generator. In fully automatic mode, the device connects to the active AC input. Its main output has an uninterrupted (no-break) power supply, which ensures a constant flow of power to the connected loads even if there is a power failure from the grid or generator. Under such circumstances, the VICTRON Quattro 24/5000/120-100 automatically adjusts the battery charge to prevent overcharging. In addition, it can increase the output of the generator or the power grid by using battery power.

You can further increase the total output by combining up to 6 VICTRON Quattro devices in parallel. In addition, there is the flexibility of three-phase or auxiliary phase configurations as needed. In terms of monitoring and control, the VICTRON Quattro 24/5000/120-100 inverter and charger can be connected to a GX device such as the Cerbo GX. This level of control offers a wide range of options, from adjusting the VICTRON Quattro 24/5000/120-100 to automatically starting an emergency generator and more.

TECHNICAL SPECIFICATIONS VICTRON Quattro 24/5000/120-100

PowerControl and PowerAssist: Yes
Transfer Switch: Yes
Maximum AC Input Current: 2 x 100 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: 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 Consumption: 25 W
Standby 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: 120 A

Battery Temperature Sensor: Yes

Width: 240 mm

Length: 328 mm

Height: 444 mm

Weight: 30 kg

Looking for a product with different technical features? You can find the complete range of VICTRON chargers and inverters, as well as other specialized brands, [here](#).

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