



VICTRON MultiPlus 12/500/20-16 Charger Inverter 12V 16A

Product price:

360.00 € tax excluded

Product description:

VICTRON MultiPlus 12/500/20-16 Charger Inverter 12V 16A

The VICTRON MultiPlus 12/500/20-16 is a powerful pure sine wave inverter and charger with adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 12/500/20-16 supports parallel operation and can function in a three-phase configuration, allowing the user to connect up to six Multi units for enhanced power output. The VICTRON MultiPlus 12/500/20-16 features PowerControl technology, enabling the setting of a maximum current limit for a generator or shore connection. This prevents overloading of the generator or shore connection when other AC loads are present.

PowerAssist is another innovative feature that allows the VICTRON MultiPlus 12/500/20-16 to integrate power from an alternative source, compensating for short bursts of high demand. This ensures uninterrupted power supply even during peak usage periods.

Equipped with a four-stage adaptive charging process, suitable for dual battery charging needs. This process optimizes battery charging and maintenance, enhancing battery longevity. The unit's high starting power is essential for accommodating high-power devices such as LED converters, halogen lamps, and electric tools.

The Search mode reduces the inverter's energy consumption during idle operation by approximately 70%, improving efficiency and conserving energy. The programmable relay acts as an alarm trigger, deactivating in case of an alarm or pre-alarm condition, such as high inverter temperature, excessive input ripple, or low battery voltage.

Remote operation allows external control of the inverter, charger, and on/off functions through a three-pole connector. The VICTRON MultiPlus 12/500/20-16 is designed for easy configuration, monitoring, and control after installation. Some settings can be adjusted using DIP switches.



Remote configuration and monitoring are possible by installing a Cerbo GX or other GX products connected to the internet. Operational data can be stored and accessed through the Victron Remote Management (VRM) platform.

TECHNICAL SPECIFICATIONS of VICTRON MultiPlus 12/500/20-16

PowerControl: No

Parallel and three-phase operation: Yes

Transfer switch: 16A

INVERTER

Input voltage range: 9.5 to 17 V Output voltage: 230 VAC ± 2%

Frequency: 50 Hz ± 0.1%

Continuous output power at 25?: 500 VA

Continuous output power at 25? / 40? / 65?: 430 W / 400 W / 300W

Peak power 900 W

Maximum efficiency 90% Zero load power supply 6 W Zero load power supply in 2 W

CHARGER

Input voltage range: 187-265 VAC

Input frequency: 45-65Hz

Charging voltage "absorption" 14.4 V "Trickle" charging voltage 13.8 V

Storage mode 13.2 V

Service battery charging current: 20 A

Battery charging current 1 A
Battery temperature sensor: Yes

Width: 182 mm Length: 100 mm Height: 311 mm Weight: 4.4 kg

Looking for a product with different technical specifications? <u>Here</u> you can find the complete range of VICTRON chargers, inverters, and products from other specialized brands.

Images and technical data are indicative and subject to change.

Product features:



Phase: Single phase Frequency (Hz): 50 / 60 Voltage (V): 187-265 Protection degree: IP21 Output voltage (V): 230 Nominal current (A): 14.4 Charging voltage (V): 12

Length (mm): 311 Width (mm): 182 Height (mm): 100

Overload protectors: Yes Input voltage (V): 12

Kind of wave: Pure Sinusoidal Continuous power (W): 500

Colour: Blue Weight (Kg): 4.5

