VICTRON MultiPlus 48/500/6-16 Charger Inverter 48V 16A

Product price:

380.00 € tax excluded

Product description:

VICTRON MultiPlus 48/500/6-16 Charger Inverter 48V 16A

The VICTRON MultiPlus 48/500/6-16 is a powerful inverter with pure sine wave output and a charger featuring adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 48/500/6-16 is a 48V 16A charger inverter that offers a range of advanced functions to meet power supply and energy management needs. This versatile unit supports parallel operation and can be configured to operate in a three-phase mode, allowing users to connect up to six MultiPlus units for a significant boost in power output. This parallel connectivity provides substantial flexibility in managing energy demands.

A distinguishing feature of the VICTRON MultiPlus 48/500/6-16 is the integration of PowerControl technology, enabling users to set a maximum current threshold for generators or shore connections. This effectively prevents the risk of overloading these power sources when additional AC loads are active.

Introducing PowerAssist, another innovative feature that allows the VICTRON MultiPlus 48/500/6-16 to seamlessly integrate alternative energy sources during periods of high demand. This dynamic capability ensures a continuous flow of energy, even during periods of elevated power consumption.

Enhanced by a sophisticated four-stage adaptive charging process, the MultiPlus unit is well-equipped to optimize battery charging and maintenance, thereby extending battery lifespan. The unit's high starting power capacity is essential for accommodating high-power devices such as LED converters, halogen lamps, and power tools.

The Search Mode has been purposefully incorporated to reduce energy consumption when the inverter is idle, offering up to 70% reduction in energy usage. Further enhancing utility, the programmable relay serves as an alarm trigger, disengaging during alarms or pre-alarms, such

as excessive inverter temperatures, excessive input ripple, or excessively low battery voltage.

Enabling remote operations, the VICTRON MultiPlus 48/500/6-16 facilitates external control of the inverter, charger, and on/off functions through a three-pole connector. Designed for simplicity, the unit ensures easy setup, monitoring, and control after installation, with some settings adjustable via DIP switches.

For advanced monitoring and remote management, installing a Cerbo GX or other GX products connected to the Internet allows access to operational data through the Victron Remote Management (VRM) platform, providing a comprehensive view for effective performance management.

TECHNICAL SPECIFICATIONS VICTRON MultiPlus 48/500/6-16

PowerControl: No
Parallel and Three-Phase Operation: Yes
Transfer Switch: 16A

INVERTER
Input Voltage Range: 38 - 66 V
Output Voltage: 230 VAC ± 2%
Frequency: 50 Hz ± 0.1%
Continuous Output Power at 25°C: 500 VA
Continuous Output Power at 25? / 40? / 65?: 430 W / 400 W / 300W
Peak Power: 900 W
Maximum Efficiency: 92%
Zero Load Power Consumption: 7 W
Zero Load Power Consumption in Standby: 3 W

CHARGER
Input Voltage Range: 187-265 VAC
Input Frequency: 45-65Hz
"Absorption" Charging Voltage: 57.6 V
"Float" Charging Voltage: 55.2 V
Storage Mode Voltage: 52.8 V
Service Battery Charging Current: 6 A
Battery Temperature Sensor: Yes

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

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Images and technical data are non-binding.

Product features:

Phase: Single phase
Frequency (Hz): 50 / 60
Voltage (V): 187-265
Protection degree: IP21
Output voltage (V): 230
Nominal current (A): 57.6
Charging voltage (V): 48
Length (mm): 311
Width (mm): 182
Height (mm): 100
Overload protectors: Yes
Input voltage (V): 48
Kind of wave: Pure Sinusoidal
Continuous power (W): 430
Colour: Blue
Weight (Kg): 4.5