



VICTRON MultiPlus 48/800/9-16 Charger-Inverter 48V 16A

Reference: PMP481800000

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VICTRON MultiPlus 48/800/9-16 powerful pure sine wave inverter and charger with adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 48/800/9-16 is a 48V 16A charger-inverter that embodies a collection of advanced features to address power supply and energy management needs. This versatile solution supports parallel operation and can adapt to a three-phase configuration, enabling users to connect up to six units for a significant increase in output power. This parallel connection flexibility offers substantial advantages in managing energy demands.

A distinctive feature of the VICTRON MultiPlus 48/800/9-16 is the presence of PowerControl technology, allowing users to set a maximum current threshold for both generators and shore connections. This feature effectively prevents the risk of overload from these power sources when additional AC loads are active.

With the introduction of PowerAssist, another innovative functionality, the VICTRON MultiPlus 48/800/9-16 seamlessly integrates alternative energy sources during periods of high demand. This dynamic capacity ensures a steady flow of energy, even during moments of intense energy consumption.

Supported by a sophisticated four-stage adaptive charging process, the MultiPlus unit is well-equipped to optimize the charging process and battery maintenance, contributing to extended battery lifespan. The unit's high starting capacity is essential to support high-power devices such as LED converters, halogen lamps, and electrical tools.

Another noteworthy feature is the Standby Mode, designed to minimize energy consumption during inverter inactivity, resulting in a significant reduction of up to 70% in overall consumption. By enabling remote control, the VICTRON MultiPlus 48/800/9-16 simplifies external management of the inverter, charger, and start/stop functions through a three-pole connector. In summary, this solution offers easy configuration, intuitive monitoring, and comprehensive post-installation management, with adjustable options through DIP switches.

TECHNICAL SPECIFICATIONS VICTRON MultiPlus 48/800/9-16

PowerControl: Yes
Parallel and three-phase operation: Yes
Transfer switch: 16A

INVERTER

Input voltage range: 38 - 66 V
Output voltage: 230 VAC \pm 2%
Frequency: 50 Hz \pm 0.1%
Continuous output at 25°C: 800 VA
Continuous output at 25° / 40° / 65°: 700 W / 650 W / 400W

Peak power 1500 W
Maximum efficiency 94%
Zero-load consumption 8 W
Zero-load consumption in 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: 52.8 V
Service battery charge current: 9 A
Battery temperature sensor: Yes

Width: 240 mm
Length: 100 mm
Height: 360 mm
Weight: 6.4 kg

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Images and technical data are not binding.

Technical Sheet

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|----------------------|-----------------|
| 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) | 360 |
| Width (mm) | 240 |
| Height (mm) | 100 |
| Overload protectors | Yes |
| Input voltage (V) | 48 |
| Kind of wave | Pure Sinusoidal |
| Continuous power (W) | 700 |
| Colour | Blue |
| Weight (Kg) | 6.4 |