



VICTRON MultiPlus 12/1200/50-16 Charger-Inverter 12V 16A

Reference: PMP122120000

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VICTRON MultiPlus 12/1200/50-16 powerful pure sine wave inverter and charger adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 12/1200/50-16 is a 12V 16A charger-inverter that embodies a blend of advanced features to address power supply and energy management needs. This versatile solution comes equipped with parallel operation capabilities and can adapt to a three-phase configuration, allowing users to connect up to six units and achieve a significant increase in output power. This parallel connection flexibility offers notable advantages in managing energy demands.

A distinctive feature of the VICTRON MultiPlus 12/1200/50-16 is the presence of PowerControl technology, enabling users to set a maximum current threshold for both generators and grid 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 12/1200/50-16 seamlessly integrates alternative energy sources during periods of high demand. This dynamic capability ensures a consistent flow of energy, even during moments of intense energy consumption.

Another highly significant feature is the Search Mode, designed to minimize energy consumption during inactivity periods of the inverter, resulting in a substantial reduction of up to 70% in total consumption. Enabling remote control, the VICTRON MultiPlus 12/1200/50-16 simplifies external supervision of the inverter, charger, and startup/shutdown functions through a three-pole connector. In summary, this solution offers easy configuration, intuitive monitoring, and comprehensive post-installation management, with adjustment options through DIP switches.

TECHNICAL SPECIFICATIONS VICTRON MultiPlus 12/1200/50-16

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

INVERTER

Input voltage range: 9.5 – 17 V
Output voltage: 230 VAC \pm 2%
Frequency: 50 Hz \pm 0.1%
Continuous output at 25°C: 1200 VA
Continuous output at 25° / 40° / 65°: 1000 W / 900 W / 600 W
Peak power: 2400 W
Maximum efficiency: 93%
Zero load consumption: 10 W
Zero load consumption in standby mode: 3 W

BATTERY CHARGER

Input voltage range: 187-265 VAC

Input frequency: 45-65Hz

"Absorption" charge voltage: 14.4 V

"Float" charge voltage: 13.8 V

"Storage" mode voltage: 13.2 V

Service battery charge current: 50 A

Battery charge current: 1 A

Battery temperature sensor: Yes

Width: 250 mm

Length: 100 mm

Height: 406 mm

Weight: 8.2 kg

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Images and technical data are non-binding.

Technical Sheet

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)	406
Width (mm)	250
Height (mm)	100
Overload protectors	Yes
Input voltage (V)	12
Kind of wave	Pure Sinusoidal
Continuous power (W)	1000
Colour	Blue
Weight (Kg)	8.2