



VICTRON MultiPlus 24/1200/25-16 Charger-Inverter 24V 16A

Reference: PMP242120000

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VICTRON MultiPlus 24/1200/25-16 powerful pure sine wave inverter and charger adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 24/1200/25-16 is a powerful 24V 16A charger-inverter that embodies a concentrated set of advanced features to meet power supply and energy management needs. This versatile solution is equipped with the ability to operate in parallel and can adapt to a three-phase configuration, allowing users to connect up to six units and thereby 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 24/1200/25-16 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, an innovative additional feature, the VICTRON MultiPlus 24/1200/25-16 can seamlessly integrate alternative energy sources during periods of high demand. This dynamic capacity ensures a constant flow of energy, even during moments of intense energy consumption.

Another highly important functionality is the Search Mode, designed to minimize energy consumption during inactivity periods of the inverter, leading to a significant reduction of up to 70% in overall consumption. By enabling remote control, the VICTRON MultiPlus 24/1200/25-16 simplifies external supervision of the inverter, charger, and start/stop functions through a three-pole connector. In summary, this solution offers straightforward configuration, intuitive monitoring, and comprehensive post-installation management, with adjustment possibilities through DIP switches.

Technical Specifications of VICTRON MultiPlus 24/1200/25-16

PowerControl: Yes
Parallel and Three-Phase Operation: Yes
Transfer Switch: 16A

INVERTER

Input Voltage Range: 19 - 33 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: 94%
No-Load Consumption: 9 W
Standby Consumption: 3 W

CHARGER

Input Voltage Range: 187-265 VAC
Input Frequency: 45-65Hz
"Absorption" Charge Voltage: 28.8 V
"Float" Charge Voltage: 27.6 V
"Storage" Mode: 26.4 V
Service Battery Charge Current: 25 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 not binding.

Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	187-265
Protection degree	IP21
Output voltage (V)	230
Nominal current (A)	28.8
Charging voltage (V)	24
Length (mm)	406
Width (mm)	250
Height (mm)	100
Overload protectors	Yes
Input voltage (V)	24
Kind of wave	Pure Sinusoidal
Continuous power (W)	1000
Colour	Blue
Weight (Kg)	8.2