



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

Reference: CMP121220000

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

The VICTRON MultiPlus C 12/1200/50-16 is a 12V 16A charger-inverter that encapsulates a range of advanced features to meet power supply and energy management needs. This versatile solution has the ability to operate in parallel and can be adapted to a three-phase configuration, allowing users to connect up to six units, resulting in a significant increase in output power. This parallel connection flexibility provides notable advantages in managing energy demands.

A distinctive feature of the VICTRON MultiPlus C 12/1200/50-16 is the implementation of PowerControl technology, enabling users to set a maximum current threshold for both generators and shore connections. This feature plays a crucial role in effectively preventing the risk of overload from these power sources when additional AC loads are active.

With the introduction of PowerAssist, another innovative feature, the VICTRON MultiPlus C 12/1200/50-16 is capable of seamlessly integrating alternative energy sources during periods of high demand. This dynamic capability ensures a continuous flow of energy, even during moments of high energy consumption.

Another significant feature is the Search Mode, designed to minimize energy consumption during inactivity periods of the inverter, resulting in a notable reduction of up to 70% in overall consumption. Enabling remote control, the VICTRON MultiPlus C 12/1200/50-16 simplifies external supervision 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 the option for adjustment using DIP switches.

### Technical Specifications VICTRON MultiPlus C 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 ± 2%  
Frequency: 50 Hz ± 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 in AES mode: 5 W  
Zero Load in Search mode: 2 W

**CHARGER**

Input Voltage Range: 187-265 VAC  
Input Frequency: 45-65 Hz  
"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: 4 A  
Battery Temperature Sensor: Yes

Width: 214 mm  
Length: 110 mm  
Height: 375 mm  
Weight: 10 kg

Looking for a product with different technical specifications? [Here](#) you can find the complete range of VICTRON chargers and inverters, as well as other specialized brands.

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)	14.4
Charging voltage (V)	12
Length (mm)	214
Width (mm)	110
Height (mm)	375
Overload protectors	Yes
Input voltage (V)	12
Kind of wave	Pure Sinusoidal
Continuous power (W)	1000
Colour	Blue
Weight (Kg)	10