



# VICTRON MultiPlus 12/3000/120-50 Charger- Inverter 12V 50A

Product price:

**1.405,00 € tax excluded**

## Product description:

VICTRON MultiPlus 12/3000/120-50 Charger-Inverter 12V 50A

VICTRON MultiPlus 12/3000/120-50 powerful pure sine wave inverter and charger adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 12/3000/120-50 is an advanced 12V 50A charger-inverter, carefully designed to meet the challenges of advanced power management. This device boasts a wide range of features that solidify its role as a crucial component within energy systems.

A distinctive feature of the VICTRON MultiPlus 12/3000/120-50 is the integration of PowerControl technology, which allows the user to set a maximum current threshold for both generators and shore connections. This effectively avoids the risk of overloading these power sources when additional AC loads are in operation.

Introducing PowerAssist, another innovative feature that enables the VICTRON MultiPlus 12/3000/120-50 to seamlessly integrate alternative power sources during periods of high power demand. This dynamic capability ensures a continuous flow of energy, even during periods of high energy consumption.

The Multi Control panel allows a maximum current to be set for the generator or ground connection, preventing overloads from external sources. The innovative integration of PowerControl enables the VICTRON MultiPlus 12/3000/120-50 to seamlessly integrate alternative energy sources.

By enhancing battery charging through a sophisticated four-stage adaptive charger, the VICTRON MultiPlus 12/3000/120-50 employs adaptive charging software to adapt to prevailing conditions. This progressive process moves smoothly through three automatic stages, with a fourth stage dealing with extended operating periods.



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## TECHNICAL FEATURES VICTRON MultiPlus 12/3000/120-50

PowerControl: Yes  
Parallel and three-phase operation: Yes  
Transfer switch: 50 A

### INVERTER

Input voltage range: 9.5 to 17 V  
Output voltage: 230 VAC  $\pm$  2%  
Frequency: 50 Hz  $\pm$  0.1%  
Continuous output at 25?: 3000 VA  
Continuous output at 25? / 40? / 65?: 2400 W / 2200 W / 1700 W  
Peak power 6000 W  
Maximum efficiency 93 %  
Zero load supply in AES mode: 15 W  
Zero load supply in Search mode: 8 W

### CHARGER

Input voltage range: 187-265 VAC  
Input frequency: 45-65Hz  
Charging voltage "absorption": 14.4 V  
"Trickle" charging voltage: 13.8 V  
Storage mode: 13.2 V  
Service battery charging current: 120 A  
Battery charging current: 4A  
Battery temperature sensor: Yes

Width: 258 mm  
Length: 218 mm  
Height: 362 mm  
Weight: 18kg

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.

### Product features:

Phase: Single phase  
Frequency (Hz): 50  
Voltage (V): 187-265  
Protection degree: IP21



Output voltage (V): 230

Nominal current (A): 14.4

Charging voltage (V): 12

Length (mm): 258

Width (mm): 218

Height (mm): 362

Overload protectors: Yes

Input voltage (V): 12

Kind of wave: Pure Sinusoidal

Continuous power (W): 2400

Colour: Blue

Weight (Kg): 18