



VICTRON MultiPlus 12/3000/120-16 Charger-Inverter 12V 16A

Reference: PMP122300001

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VICTRON MultiPlus 12/3000/120-16 powerful pure sine wave inverter and charger adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 12/3000/120-16 is an advanced 12V 30A 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.

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 12/3000/120-16 to seamlessly integrate alternative energy sources.

By enhancing battery charging through a sophisticated four-stage adaptive charger, the VICTRON MultiPlus 12/3000/120-16 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.

To ensure safety, the VICTRON MultiPlus 12/3000/120-16 is equipped with a programmable relay. This relay can be configured to act as an alarm, facilitating disconnection during pre-alarm or alarm scenarios, thus providing an additional level of safety.

TECHNICAL FEATURES VICTRON MultiPlus 12/3000/120-16

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

INVERTER

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

Technical Sheet

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