



VICTRON MultiPlus C 12/800/35-16 Charger-Inverter 12V 16A

Reference: CMP128010000

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The VICTRON MultiPlus C 12/800/35-16 is a powerful pure sine wave inverter and charger with adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus C 12/800/35-16 is a 12V 16A charger-inverter that offers a range of advanced functions to meet power and management needs. This versatile unit supports parallel operation and can be adapted to work in a three-phase configuration, allowing users to connect up to six units, resulting in a significant increase in power output. This parallel connectivity provides considerable flexibility in managing energy demands.

A distinctive feature of the VICTRON MultiPlus C 12/800/35-16 is the integration of PowerControl technology, which allows users to set a maximum current threshold for both generators and shore connections. This effectively prevents the risk of overloading these power sources when additional AC loads are operating.

With the introduction of PowerAssist, another innovative feature that allows the VICTRON MultiPlus C 12/800/35-16 to seamlessly integrate alternative energy sources during periods of high energy demand. This dynamic capability ensures a continuous flow of energy, even during periods of high consumption.

The Search Mode has been specially integrated to reduce energy consumption when the inverter is inactive, providing up to a 70% reduction in energy consumption. Enabling remote operations, the VICTRON MultiPlus C 12/800/35-16 facilitates external control of the inverter, charger, and on/off functions via a three-pole connector.

Technical Specifications VICTRON MultiPlus C 12/800/35-16

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

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: 800 VA
Continuous Output at 25° / 40° / 65°: 700 W / 650 W / 400W
Peak Power: 1600 W
Maximum Efficiency: 92%
Zero Load AES mode: 5 W
Zero Load Search mode: 2 W

CHARGER

Input Voltage Range: 187-265 VAC
Input Frequency: 45-65Hz
Charge Voltage "Absorption": 14.4 V
Charge Voltage "Float": 13.8 V
Storage Mode: 13.2 V
Service Battery Charge Current: 35 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)	700
Colour	Blue
Weight (Kg)	10