



VICTRON MultiPlus 24/800/16-16 Charger-Inverter 24V 16A

Reference: PMP241800000

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VICTRON MultiPlus 24/800/16-16 powerful pure sine wave inverter and charger adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 24/800/16-16 is a 24V 16A charger-inverter that embodies a range of advanced functionalities to cater to power supply and energy management needs. This versatile solution supports parallel operation and can adapt to function in a three-phase configuration, enabling users to connect up to six units, resulting in a significant boost in output power. This parallel connectivity offers notable advantages in energy demand management.

A distinctive feature of the VICTRON MultiPlus 24/800/16-16 is the integration of PowerControl technology, allowing users to define a maximum current threshold for both generators and shore connections. This feature effectively prevents 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 24/800/16-16 seamlessly integrates alternative energy sources during periods of high demand. This dynamic capacity ensures a constant flow of energy, even during periods of intensive energy consumption.

Supported by a sophisticated four-stage adaptive charging process, the MultiPlus unit is well-equipped to optimize the charging process and battery maintenance, contributing to their extended lifespan. The unit's high starting capacity is essential for accommodating high-power devices such as LED converters, halogen lamps, and electric tools.

An additional prominent feature is the Search Mode, designed to reduce energy consumption when the inverter is idle, leading to a significant reduction of up to 70% in overall consumption. Enabling remote control, the VICTRON MultiPlus 24/800/16-16 simplifies external management of the inverter, charger, and on/off functions through a three-pole connector. In summary, this solution offers straightforward configuration, intuitive monitoring, and comprehensive post-installation management, with adjustable options through DIP switches.

TECHNICAL SPECIFICATIONS VICTRON MultiPlus 24/800/16-16

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: 800 VA
Continuous Output at 25° / 40° / 65°: 700 W / 650 W / 400W

Peak Power 1500 W
Maximum Efficiency 93 %
Zero Load Consumption 7 W
Zero Load Consumption in 2 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: 16 A
Battery Charge Current: 1 A
Battery Temperature Sensor: Yes

Width: 240 mm
Length: 100 mm
Height: 360 mm
Weight: 6.4 kg

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

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)	360
Width (mm)	240
Height (mm)	100
Overload protectors	Yes
Input voltage (V)	24
Kind of wave	Pure Sinusoidal
Continuous power (W)	700
Colour	Blue
Weight (Kg)	6.4