



VICTRON MultiPlus 12/2000/80-32 Charger-Inverter 12V 32A

Reference: PMP122200000

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The VICTRON MultiPlus 12/2000/80-32 is a powerful pure sine wave inverter and charger with adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 12/2000/80-32 is an advanced 12V 32A charger-inverter meticulously designed to tackle the challenges of advanced energy management. This device boasts a wide range of features that consolidate its role as a crucial component within energy systems.

Its distinctive feature lies in the ability to operate in parallel with up to six MultiPlus units, thus harnessing greater output power. Further flexibility is provided by the option to configure three units for a three-phase output mode, offering versatility in various network configurations.

The Multi Control panel allows setting a maximum current for the generator or grounding connection, preventing overloads from external sources. The innovative PowerControl integration allows the VICTRON MultiPlus 12/2000/80-32 to seamlessly integrate alternative energy sources. In cases of peak power demand, the device promptly compensates for energy deficits by drawing from battery reserves. Conversely, during load reduction, excess energy charges the battery, optimizing resource allocation.

Enhancing battery charging through a sophisticated four-stage adaptive charger, the VICTRON MultiPlus 12/2000/80-32 employs adaptive charging software to adapt to prevailing conditions. This progressive process moves smoothly through three automatic stages, with a fourth phase catering to extended operating periods.

To ensure safety, the VICTRON MultiPlus 12/2000/80-32 is equipped with a programmable relay. This relay can be configured to serve as an alarm, facilitating disconnection during pre-alarm or alarm scenarios, thus providing an additional layer of security.

For convenient remote management, a three-pole connector simplifies operations, enabling remote activation, deactivation, and charger control. After installation, the VICTRON MultiPlus 12/2000/80-32 is ready for use, while the option to adjust settings via DIP switches accommodates the specific needs of each energy system. In summary, the VICTRON MultiPlus 12/2000/80-32 represents a versatile, robust, and highly efficient component destined to drive the evolution of advanced energy management in the future.

TECHNICAL SPECIFICATIONS VICTRON MultiPlus 12/2000/80-32

PowerControl: Yes
Parallel and Three-Phase Operation: Yes
Transfer Switch: 35 A

INVERTER

Input Voltage Range: 9.5 - 17 V
Output Voltage: 230 VAC \pm 2%

Frequency: 50 Hz \pm 0.1%
Continuous Output Power at 25°C: 2000 VA
Continuous Output Power at 25° / 40° / 65°: 1600 W / 1400 W / 1000 W
Peak Power: 3500 W
Maximum Efficiency: 93 %
Zero-Load Power Consumption: 10 W
Zero-Load Power Consumption: 3 W

CHARGER

Input Voltage Range: 187-265 VAC
Input Frequency: 45-65Hz
"Absorption" Charge Voltage: 14.4 V
"Float" Charge Voltage: 13.8 V
Storage Mode: 13.2 V
Service Battery Charge Current: 80 A
Battery Charge Current: 1A
Battery Temperature Sensor: Yes

Width: 236 mm
Length: 147 mm
Height: 506 mm
Weight: 15.5 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
Voltage (V)	187-265
Protection degree	IP21
Output voltage (V)	230
Nominal current (A)	14.4
Charging voltage (V)	12
Length (mm)	236
Width (mm)	147
Height (mm)	506
Overload protectors	Yes
Input voltage (V)	12
Kind of wave	Pure Sinusoidal
Continuous power (W)	1600
Colour	Blue
Weight (Kg)	15.5