



## VICTRON MultiPlus-II 48/3000/35-32 GX Charger-Inverter 48V 32A

Reference: PMP482306000

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VICTRON MultiPlus-II 48/3000/35-32 GX powerful pure sine wave inverter and charger adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus-II 48/3000/35-32 GX Charger-Inverter is an advanced energy management solution that combines the functionality of an inverter/charger with a GX device, featuring a 2 x 16-character LCD display. This state-of-the-art system offers comprehensive monitoring and control capabilities, making it ideal for a variety of applications, including grid-tied and isolated energy storage systems as well as mobile configurations.

The built-in LCD display provides instant access to battery, inverter and solar charge controller parameters, allowing users to get crucial information at a glance. In addition, these parameters can also be accessed remotely via Wi-Fi, enabling convenient monitoring via smartphones or other Wi-Fi-enabled devices.

The VICTRON MultiPlus-II 48/3000/35-32 GX excels in scenarios where interaction with other products and remote monitoring are essential, such as networked and isolated energy storage systems as well as specific mobile applications. The versatility of the system is further evident in its parallel and three-phase operation capabilities, requiring only a single VICTRON MultiPlus-II 48/3000/35-32 GX unit.

For mobile or off-grid configurations with an external current sensor, the VICTRON MultiPlus-II 48/3000/35-32 GX Charger-Inverter offers flexibility with adjustable maximum current sensing ranges of 50 A and 100 A, adapting to different power requirements.

The VICTRON MultiPlus-II 48/3000/35-32 GX integrates seamlessly with solar charge controllers, leveraging external AC current data or power meter readings to optimize self-consumption and avoid energy injection when not needed.

With PV (photovoltaic) inverter configurations, excess solar power is converted directly into AC power. The VICTRON MultiPlus-II 48/3000/35-32 GX efficiently manages this surplus energy, directing it to battery charging or grid injection, and balancing the use of energy from the grid when solar production is insufficient.

### TECHNICAL SPECIFICATIONS of VICTRON MultiPlus-II 48/3000/35-32 GX

PowerControl and PowerAssist: Yes  
Transfer Switch: 32 A  
Maximum AC Input Current: 32 A  
Auxiliary Output: Yes

#### INVERTER

DC Input Voltage Range: 19 – 33 V  
Output Voltage: 230 VAC ± 2%

Frequency: 50 Hz  $\pm$  0.1% (1)  
Continuous Output at 25 °C: 3000 VA  
Continuous Output at 25° / 40 °C / 65°C: 2400 W / 2200 W / 1700 W  
Maximum Apparent Input Current: 3000 VA  
Peak Power: 5500 W  
Maximum Efficiency: 94%  
No Load Power: 13 W  
Saving Mode Power: 9 W

#### CHARGER

AC Input Voltage Range: 187-265 VAC  
Input Frequency: 45-65Hz  
Charge Voltage in "absorption" mode: 28.8 V  
Charge Voltage in "float" mode: 27.6 V  
Storage Mode: 26.4 V  
Maximum Battery Charge Current: 70 A  
Battery Temperature Sensor: Yes

Interfaces: BMS-Can, USB, Ethernet, VE.Direct, Wi-Fi  
Protection Category: IP22  
Width: 275 mm  
Length: 147 mm  
Height: 506 mm  
Weight: 19 kg

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

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)	57.6
Charging voltage (V)	48
Length (mm)	275
Width (mm)	147
Height (mm)	506
Overload protectors	Yes
Input voltage (V)	48
Kind of wave	Pure Sinusoidal
Continuous power (W)	2400
Colour	Blue
Weight (Kg)	19