



# VICTRON MultiPlus 24/1600/40-16 Charger- Inverter 24V 16A

**Product price:**

**700,00 € tax excluded**

## Product description:

VICTRON MultiPlus 24/1600/40-16 Charger-Inverter 24V 16A

The VICTRON MultiPlus 24/1600/40-16 is a powerful pure sine wave inverter and charger featuring adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 24/1600/40-16 is an advanced 24V 16A charger-inverter meticulously designed to tackle the challenges of advanced energy management. This device boasts a diverse range of features that cement its role as a pivotal component within energy systems.

Its standout attribute lies in the capacity to operate in parallel with up to six MultiPlus units, thereby harnessing enhanced output power. Further adaptability comes from the option to configure three units for a versatile three-phase output mode, offering flexibility across different network setups.

The Multi Control panel affords the capability to set a maximum current for the generator or grounding connection, preempting overloads from external sources. The innovative incorporation of PowerControl empowers the VICTRON MultiPlus 24/1600/40-16 to seamlessly integrate alternative energy sources. In the face of peak power demands, the device swiftly offsets energy shortfalls by tapping into battery reserves. Conversely, as the load wanes, surplus energy replenishes the battery, optimizing resource allocation.

Enhancing battery charging through a sophisticated four-stage adaptive charger, the VICTRON MultiPlus 24/1600/40-16 leverages adaptive charging software to adapt to prevailing conditions. This progressive process seamlessly transitions through three automatic phases, with a fourth phase addressing extended operational intervals.

Ensuring security, the VICTRON MultiPlus 24/1600/40-16 is equipped with a programmable relay. This relay can be configured to serve as an alarm, facilitating disconnection in pre-alarm or alarm scenarios, thus providing an extra layer of safety.



For convenient remote management, a three-pole connector streamlines operations, facilitating remote activation, deactivation, and charger control. Once installed, the VICTRON MultiPlus 24/1600/40-16 is primed for use, while the option to fine-tune settings through DIP switches accommodates the specific needs of each energy system. In summary, the VICTRON MultiPlus 24/1600/40-16 is a versatile, robust, and highly efficient component poised to lead advanced energy management into the future.

#### TECHNICAL SPECIFICATIONS **VICTRON** MultiPlus 24/1600/40-16

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 Power at 25°C: 1600 VA  
Continuous Output Power at 25° / 40° / 65°: 1300 W / 1100 W / 800 W  
Peak Power 2800 W  
Maximum Efficiency 94%  
Zero Load Power Consumption: 9 W  
Standby Power Consumption: 3 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 Voltage: 26.4 V  
Service Battery Charge Current: 40 A  
Battery Charge Current: 1 A  
Battery Temperature Sensor: Yes

Width: 265 mm  
Length: 120 mm  
Height: 470 mm  
Weight: 10.2 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.



**Product features:**

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): 470

Width (mm): 265

Height (mm): 120

Overload protectors: Yes

Input voltage (V): 24

Kind of wave: Pure Sinusoidal

Continuous power (W): 1300

Colour: Blue

Weight (Kg): 10.2

