



VICTRON MultiPlus 24/5000/120-100 Charger-Inverter 24V 100A

Reference: PMP245021010

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The VICTRON MultiPlus 24/5000/120-100 is a powerful pure sine wave inverter and charger with adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 24/5000/120-100 Charger-Inverter is a versatile power management solution with two AC outputs designed for uninterrupted supply and backup in various scenarios. Its main output operates as a no-break system, ensuring uninterrupted power supply to connected loads even in the event of a grid or generator/battery outage, with a fast transfer time of less than 20 milliseconds, allowing electronic devices such as computers to operate smoothly.

The beauty of the VICTRON MultiPlus 24/5000/120-100 lies in its ability to operate in parallel. Up to six VICTRON MultiPlus 24/5000/120-100 units can be connected in parallel for greater power delivery. The PowerControl function makes the VICTRON MultiPlus 24/5000/120-100 Charger-Inverter a powerful charger.

PowerAssist improves supply by integrating alternative sources. The VICTRON MultiPlus 24/5000/120-100 ensures that battery capacity compensates for short peak power demands while maintaining a stable energy flow.

For solar applications, the VICTRON MultiPlus 24/5000/120-100 can operate independently of the grid by connecting to a photovoltaic system and other alternative power sources. It also detects grid failures and offers remote monitoring and control through devices such as the Color Control GX, smartphones or computers.

The VICTRON MultiPlus 24/5000/120-100 Charger-Inverter is a powerhouse of energy intelligence, providing uninterrupted power, managing alternative sources and adapting to different configurations, making it a valuable component for advanced energy management.

TECHNICAL SPECIFICATIONS VICTRON MultiPlus 24/5000/120-100

PowerControl: Yes
Parallel and Three-Phase Operation: Yes
Transfer Switch: 100 A

INVERTER

Input Voltage Range: 19 - 33 V
Output Voltage: 230 VAC \pm 2%
Frequency: 50 Hz \pm 0.1%
Continuous Output at 25°C: 5000 VA
Continuous Output Power at 25° / 40° / 65°: 4000 W / 3700 W / 3000 W
Peak Power: 10000 W Maximum Efficiency: 94%
Zero-Load Consumption: 25 W
Zero-Load Consumption: 10 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: 120 A

Battery Temperature Sensor: Yes

Width: 240 mm

Length: 328 mm

Height: 444 mm

Weight: 30 kg

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

Images and technical data are non-binding.

Technical Sheet

Phase	Single phase
Frequency (Hz)	50
Voltage (V)	187-265
Protection degree	IP21
Output voltage (V)	230
Nominal current (A)	28.8
Charging voltage (V)	24
Length (mm)	240
Width (mm)	328
Height (mm)	444
Overload protectors	Yes
Input voltage (V)	24
Kind of wave	Pure Sinusoidal
Continuous power (W)	4000
Colour	Blue
Weight (Kg)	30