



VICTRON MultiPlus 48/5000/70-100 Charger-Inverter 48V 100A

Reference: PMP485021010

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The VICTRON MultiPlus 48/5000/70-100 is a powerful pure sine wave inverter and charger with adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus 48/5000/70-100 Charger-Inverter is a versatile energy management solution with two AC outputs designed for uninterrupted power supply and backup in various scenarios. Its primary output functions as a no-break system, ensuring uninterrupted power delivery to connected loads even in cases of grid or generator/battery interruption, with a rapid transfer time of less than 20 milliseconds, allowing electronic devices like computers to function seamlessly.

The remarkable feature of the VICTRON MultiPlus 48/5000/70-100 lies in its parallel operation capability. Connecting up to six units of VICTRON MultiPlus 48/5000/70-100 in parallel allows for a significant increase in power output. The PowerControl function further enhances its role as a powerful charger within the VICTRON MultiPlus 48/5000/70-100 Charger-Inverter.

PowerAssist takes its performance a step further by smoothly integrating alternative energy sources. The VICTRON MultiPlus 48/5000/70-100 ensures that the battery's capacity harmoniously compensates for short bursts of power demand, thus maintaining a steady energy flow.

In solar applications, the VICTRON MultiPlus 48/5000/70-100 can operate independently, connecting to photovoltaic systems and other alternative energy sources. It promptly detects grid interruptions and facilitates remote monitoring and control through devices like the Color Control GX, smartphones, and computers.

The VICTRON MultiPlus 48/5000/70-100 Charger-Inverter embodies intelligent energy management, guaranteeing uninterrupted power supply, harnessing alternative energy sources, and adapting to various configurations. This versatility makes it a valuable component for advanced energy management.

TECHNICAL SPECIFICATIONS VICTRON MultiPlus 48/5000/70-100

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

INVERTER

Input Voltage Range: 38 - 60 V
 Output Voltage: 230 VAC ± 2%
 Frequency: 50 Hz ± 0.1%
 Continuous Output at 25°C: 5000 VA
 Continuous Output at 25° / 40° / 65°: 4000 W / 3700 W / 3000 W
 Peak Power: 10000 W
 Maximum Efficiency: 95%

Zero-Load Consumption: 30 W
Zero-Load Consumption: 15 W

CHARGER

Input Voltage Range: 187-265 VAC
Input Frequency: 45-65Hz
"Absorption" Charge Voltage: 57.6 V
"Float" Charge Voltage: 55.2 V
Storage Mode: 52.8 V
Service Battery Charge Current: 70 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)	57.6
Charging voltage (V)	48
Length (mm)	240
Width (mm)	328
Height (mm)	444
Overload protectors	Yes
Input voltage (V)	48
Kind of wave	Pure Sinusoidal
Continuous power (W)	4000
Colour	Blue
Weight (Kg)	30