



## VICTRON MultiPlus-II 12/3000/120-32 Charger-Inverter 12V 32A

Reference: PMP122305010

### VICTRON MultiPlus-II 12/3000/120-32 Charger-Inverter 12V 32A

VICTRON MultiPlus-II 12/3000/120-32 powerful pure sine wave inverter and charger adaptive charging technology and a high-speed AC transfer switch.

The VICTRON MultiPlus-II 12/3000/120-32 Charger-Inverter is a versatile energy management solution that amplifies the features of the MultiPlus by offering the additional option of an Energy Storage System (ESS). The VICTRON MultiPlus-II 12/3000/120-32 operates as an inverter/charger with an extended PowerControl and PowerAssist capacity of up to 32 A respectively, thanks to an external sensor option.

Designed for professional off-grid applications such as marine navigation, yachts, vehicles and agriculture, the VICTRON MultiPlus-II 12/3000/120-32 has a built-in anti-isolation feature and an ever-changing list of certifications from various countries for ESS applications. System configurations are flexible and suitable for various needs, as described in the ESS Design and Configuration Manual.

The PowerControl and PowerAssist functions enhance the capacity of the grid or generator. By setting a maximum input current from the grid or generator, the VICTRON MultiPlus-II 12/3000/120-32 intelligently manages loads and prioritizes battery charging, preventing overcharging.

Solar energy integration enables the VICTRON 12/3000/120-32 Battery Charger-Inverter to operate autonomously by connecting to photovoltaic systems and other alternative sources. It is compatible with both solar charge controllers and grid-connected inverters.

### TECHNICAL FEATURES VICTRON MultiPlus-II 12/3000/120-32

PowerControl and PowerAssist: Yes

Transfer switch: 32 A

Maximum AC input current: 32 A

#### INVERTER

DC input voltage range: 9.5 to 17 V

Output voltage: 230 VAC  $\pm$  2 %

Frequency: 50 Hz  $\pm$  0.1 % (1)

Continuous output power at 25?: 3000 VA

Continuous output power at 25? / 40? / 65?: 2400 W / 2200 W / 1700 W

Maximum apparent input current: 3000 VA

Peak power: 5500 W

Maximum efficiency: 93 %

Zero load power supply: 13 W

No-load power in AES mode: 9 W

**CHARGER**

AC input Voltage range: 187-265 VAC

Input frequency: 45-65Hz

'Absorption' charging voltage: 14.4 V

'Trickle' charging voltage: 13.8 V

Accumulation mode: 13.2 V

Maximum battery charging current: 120 A

Battery temperature sensor: Yes

Protection category: IP22

Width: 141 mm

Length: 275 mm

Height: 546 mm

Weight: 19 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.

Non-binding images and technical data.

**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)	141
Width (mm)	275
Height (mm)	546
Overload protectors	Yes
Input voltage (V)	12
Kind of wave	Pure Sinusoidal
Continuous power (W)	2400
Colour	Blue
Weight (Kg)	19