



Victron Phoenix Smart 12/1600 Pure Sine Wave Inverter 3000W

Reference: PIN122161000

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The Victron Phoenix Smart 12/1600 is a pure sine wave inverter that ensures the operation of electrical devices up to 3000W powered by a 12V battery.

The Victron Phoenix Smart 12/1600 inverter is a highly efficient and reliable power supply solution. Based on the renowned, field-proven Phoenix platform, this inverter features a new slimmer design and an all-metal housing, ensuring robustness and durability.

Victron Phoenix Smart 12/1600 is capable of powering appliances in various situations, such as in vehicles, boats, caravans and homes. Its toroidal transformer ensures significant peak power boost capability, as well as providing stable voltage and frequency and a high-quality sine wave.

Installation is made even easier thanks to the accessible terminals, which facilitate the work of installers and allow for a professional finish. In addition, the integration of Bluetooth further simplifies the setup of the high-power inverter. With Victron Connect, a range of parameters and settings can be managed, including alarms, alarm relays, voltage interruptions, output voltage, frequency, and ECO mode, among other options.

Victron Phoenix Smart 12/1600 represents a step forward in technological innovation and user experience, offering reliable performance and advanced features. Whether for domestic applications or more complex environments, this inverter adapts to energy needs in a versatile and reliable manner. Its presence in an ever-changing industry is a tangible sign of Victron's commitment to excellence and customer satisfaction.

Technical Specifications Victron Phoenix Smart 12/1600

Input Voltage Range: 9.3 - 17 V
Output Voltage: 230 VAC \pm 2% 50 Hz or 60 Hz \pm 0.1% (1)
Continuous Output Power at 25°C: 1600 VA
Continuous Output Power at 25°C | 40°C | 65°C: 1300 W | 1200 W | 800 W
Peak Power: 3000 W
Max Efficiency at 12V: 92%
Programmable Relay: Yes
ECO Mode Power On/Off: Adjustable
Remote Control: Yes
Protection Category: IP21
Length: 219 mm
Width: 125 mm
Height: 485 mm
Weight: 12 kg

Looking for a product with different technical specifications? [HERE](#) you can find the section dedicated to other specialized brands.

Images and technical data are not binding and are subject to revisions by the manufacturer.

Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Output voltage (V)	230
Length (mm)	125
Width (mm)	219
Height (mm)	485
Input voltage (V)	12
Kind of wave	Pure Sinusoidal
Continuous power (W)	1300
Colour	Blue
Weight (Kg)	12