SINUS PLUS 4000 12/230V (2000W/4000VA) VOLTAGE CONVERTER + REMOTE CONTROL

REGULAR RANGE

PRODUCT CODE
3SIR400012

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5903760240363

CATEGORY
Voltage converters

SUBCATEGORY
SINUS PLUS 12/24VDC > 230VAC voltage converters

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ABOUT THE PRODUCT

The SINUS PLUS 4000 12/230V (2000W/4000VA) electronic converter is used to power electrical devices requiring 230V alternating voltage from batteries and 12V automotive systems. It is used in vehicles, including motorhomes, and wherever direct connection to the power grid is not possible.

Thanks to the use of a pure sine wave at the output, the converter can power inductive devices such as power tools, air compressors, air conditioners, refrigerators and freezers. It is also suitable for powering consumer electronics, LED lighting, home automation systems, household appliances and central heating pumps.

The PLUS version features a wired control panel, enabling remote activation of the converter using a button. The device can operate with photovoltaic panels connected via a voltage controller MPPT or PWM.

The converter is equipped with USB-A and USB-C ports, a LCD display, error-code indication, and short-circuit, thermal, undervoltage, overvoltage and overload protection.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (momentary)**	4000 VA (4000 W)
	Continuous power	2000 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz
	Undervoltage protection activation threshold	10,7 V ±0,3 V
	Efficiency at full load	~90%
	Output voltage waveform	Pure sine wave (sinusoidal)
	Port USB	USB-A, USB-C (5V 2,1A)
Functions and Protection	**Indication and control**	W set: optional external control remote (ON/OFF, indicator LEDs) and LCD display and error codes
	Built-in protection	Short-circuit, thermal (approx. 60°C - 70°C), undervoltage, overvoltage, overload
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	384 x 210 x 101 mm (according to the additional specification, also 342 x 201 x 94 mm)
	Net weight	4142 g

PRODUCT GALLERY









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PRODUCT GALLERY - CONTINUED







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