SINUS PLUS 1500 12/230V (1000W/1500VA) VOLTAGE CONVERTER + REMOTE CONTROL

REGULAR RANGE

PRODUCT CODE
3SIR150012

EAN
5903760240172

CATEGORY
Voltage converters

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

PRODUCT PAGE
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ABOUT THE PRODUCT

The SINUS PLUS 1500 12/230V (1000W/1500VA) converter is designed to supply electrical devices requiring 230V AC voltage from batteries and 12V automotive electrical systems. It is used in vehicles such as motorhomes and in locations without direct access to the power grid.

The device produces a pure sine wave output voltage, identical to that of the power grid, allowing it to supply inductive devices, including power tools, air compressors, air conditioners, refrigerators and freezers. The converter can also supply consumer electronics, LED lighting, home automation systems, household appliances and central-heating pumps.

The PLUS version enables remote start using a wired control panel with a button. The device also allows photovoltaic panels to be connected via a voltage controller MPPT or PWM.

The converter is equipped with USB-A and USB-C ports, as well as short-circuit, thermal, undervoltage, overvoltage and overload protection. Device operating information is provided by indicator LEDs, the LCD display and error codes.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	1500 VA (1500 W)
	Continuous power	1000 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 optional external remote control (ON/OFF, indicator LEDs), as well as the 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	342 x 201 x 94 mm
	Net weight	3768 g
	Individual packaging dimensions	387 x 228 x 145 mm
	Individual packaging weight	4068 g

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PRODUCT GALLERY













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