SINUS 1600 24/230V (800W/1600VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3SIP160024

EAN
5903293765630

CATEGORY
Voltage converters

SUBCATEGORY
SINUS 12/24VDC > 230VAC VOLTAGE CONVERTERS

PRODUCT PAGE
voltpolska.pl/produkty/sinus-1600-24-230v-800-1600w-przetw...



ABOUT THE PRODUCT

SINUS 1600 24/230V (800W/1600VA) VOLTAGE CONVERTER is an electronic device designed to power equipment requiring AC voltage 230V from batteries and automotive electrical systems 24V. It is suitable for use in vehicles and locations where direct connection to the power grid is not possible.

The pure SINUS converter generates a sinusoidal output voltage waveform identical to that of the power grid. It enables the powering of inductive devices, including power tools, air compressors, air conditioners, refrigerators, freezers, central heating pumps, and automatic gate and lift motors.

It can also power consumer electronics, lighting LED, home automation and smart home devices, as well as selected household appliances, such as washing machines and microwave ovens. The model is equipped with a USB socket and short-circuit, thermal, under-voltage, over-voltage and overload protection.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	1600 VA (1600 W)
	Continuous power	800 W
	Battery voltage	24 V
	Input voltage	21 V - 31 V
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz
	Under-voltage protection activation threshold	21,4 V ±0,6 V
	Efficiency at full load	~92%
	Output voltage waveform	Pure sine wave
	No-load consumption	300 mA
	USB socket	Yes
Functions and Protections	**Built-in protections**	Short-circuit, thermal (cut-off at approx. 60°C - 70°C), under-voltage, over-voltage, overload
	Alarm indications (audible signals)	2 (low-voltage alarm), 3 (under-voltage protection), 4 (over-voltage), 5 (overheating), 6 (overload)
	Intended application	Powering inductive and capacitive devices (e.g. motors, central heating pumps, household appliances, power tools) in an island system
Dimensions and Operating Environment	**Permissible operating temperature**	0°C to 40°C
	Device dimensions	27,5 x 13 x 7,5 cm
	Net weight	1,95 kg
	Individual package dimensions	36 x 18 x 11 cm
	Individual package weight	2,3 kg

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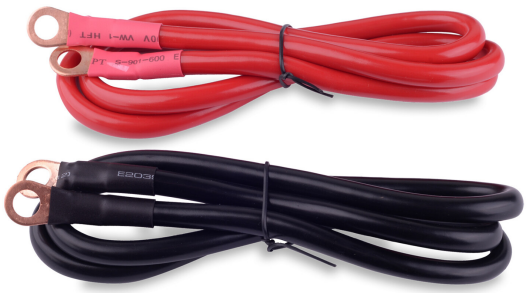
PRODUCT GALLERY













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