SINUS 5000 12/230V (2500W/5000VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3SIP500012

EAN
5903111886318

CATEGORY
Voltage converters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-5000-12-230v-2500-5000w-przet...



ABOUT THE PRODUCT

SINUS 5000 12/230V (2500W/5000VA) VOLTAGE CONVERTER is an electronic converter designed to power electrical devices requiring 230V AC voltage from batteries and 12V vehicle electrical systems. It is suitable for use in vehicles and locations where direct connection to the mains power supply is not possible.

The pure SINUS converter produces a sinusoidal output voltage waveform, identical to that of the mains power supply. As a result, it can power inductive devices, including power tools, air compressors, air conditioners, refrigerators, freezers, central heating pumps and motors for automatic gates and lifts.

The device can also be used to power consumer electronics, LED lighting, home automation systems and smart home devices, as well as selected household appliances such as washing machines and microwave ovens. It is equipped with a USB socket and short-circuit, thermal, undervoltage, overvoltage and overload protection.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	5000 VA (5000 W)
	Continuous power	2500 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	~92%
	Output voltage waveform	Pure sine wave
	No-load consumption	300 mA
	USB socket	Yes
Functions and protections	**Built-in protections**	Short-circuit, thermal (shutoff at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Alarm indications (audible signals)	2 (low-voltage alarm), 3 (undervoltage protection), 4 (overvoltage), 5 (overheating), 6 (overload)
	Intended application	Power supply for inductive and capacitive devices (e.g. motors, central heating pumps, household appliances, power tools) in an off-grid system
Dimensions and Operating Environment	**Permissible operating temperature**	0°C to 40°C
	Device dimensions	35,5 x 22,5 x 8 cm
	Net weight	4,6 kg
	Individual package dimensions	42 x 26,5 x 13 cm
	Individual package weight	5,05 kg

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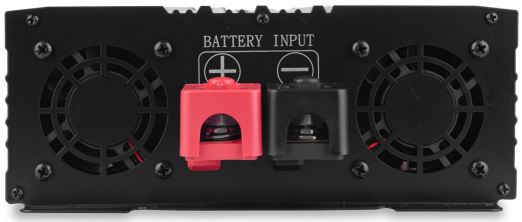
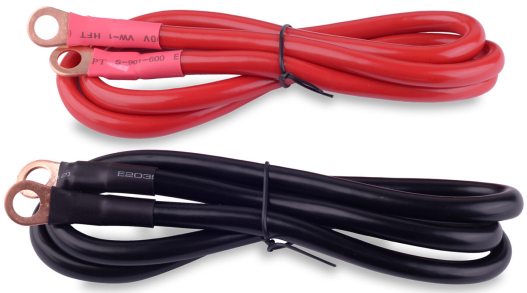
PRODUCT GALLERY













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