PURE SINE WAVE 5000 24/230V (2500W/5000VA) VOLTAGE INVERTER

REGULAR RANGE

PRODUCT CODE
3SIP500024

EAN
5903111886325

CATEGORY
Voltage inverters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage inverters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-5000-24-230v-2500-5000w-przet...



ABOUT THE PRODUCT

The SINUS 5000 24/230V (2500W/5000VA) electronic inverter is designed to supply electrical devices requiring 230V AC voltage from batteries and automotive systems with 24V DC voltage. It is suitable for vehicles and locations where direct connection to the power grid is not possible.

The device produces a pure sine-wave output voltage, identical to that of the power grid. This enables it to supply inductive devices, including power tools, air compressors, air conditioners, refrigerators and freezers.

The inverter is also designed to supply consumer electronics, LED lighting, home automation and smart home devices, household appliances, central-heating pumps and motors for automatic gates and lifts. 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	24 V
	Input voltage	21 V - 31 V
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz
	Undervoltage 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

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GENERATED: 2026-10-30 16:04

TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Built-in protections**	Short-circuit, thermal (cut-off 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

PRODUCT GALLERY





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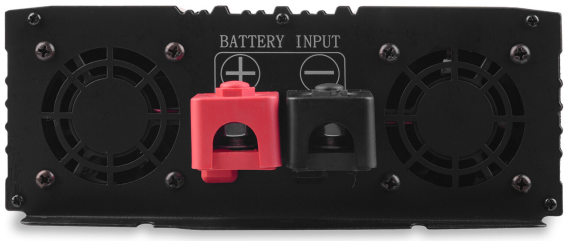
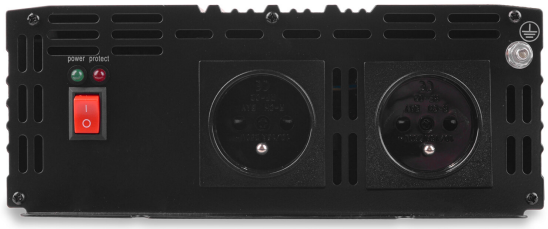
PRODUCT GALLERY - CONTINUED









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