SINUS 3000 12/230V (1500W/3000VA) VOLTAGE INVERTER

REGULAR RANGE



PRODUCT CODE
3SIP300012

EAN
5903111886264

CATEGORY
Voltage inverters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage inverters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-3000-12-230v-1500-3000w-przet...

ABOUT THE PRODUCT

The SINUS 3000 12/230V (1500W/3000VA) inverter is used to power electrical devices requiring 230V AC voltage from batteries and 12V automotive electrical systems. It is suitable for vehicles such as motorhomes and locations without direct access to the power grid.

The device generates a pure sine-wave voltage corresponding to the mains voltage. This allows it to power inductive, transformer-based and capacitive devices, including power tools, compressors, air conditioners, refrigerators, freezers, central-heating pumps, and selected household and consumer electronics appliances.

The inverter is equipped with a control panel with a cable, enabling remote activation using a button. It also allows PV solar panels to be connected via the MPPT or PWM voltage controller.

Example applications include motorhomes, LED lighting, home automation and smart home devices, as well as televisions, consoles, speakers, washing machines, microwave ovens, drills and grinders. The device is equipped with thermal, undervoltage, overvoltage, overload and short-circuit protection.

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	3000 VA (3000 W)
	Continuous power (continuous)	1500 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V (operating range: 11 V - 15 V)
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz
	Output voltage waveform	Pure sine wave (sinusoidal)
	Efficiency	~90%
	Undervoltage protection activation threshold	10,7 V ±0,3 V
	USB ports	USB-A, USB-C (DC 5 V, 2,1 A)
Functions and Protections	**Intended application**	Power supply for inductive, transformer-based and capacitive devices (motors, central-heating pumps, central-heating furnaces, compressor, small household appliances)
	Built-in protections	Thermal, undervoltage, overvoltage, overload, short-circuit
Dimensions and Operating Environment	**Permitted operating temperature**	-10°C to +40°C
	Device dimensions	374 x 201 x 101 mm
	Net weight	3604 g
	Individual packaging dimensions	435 x 265 x 145 mm

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PRODUCT GALLERY













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