SINUS 3000 24/230V (1500W/3000VA) VOLTAGE INVERTER

REGULAR RANGE

PRODUCT CODE
3SIP300024

EAN
5903111886271

CATEGORY
Voltage inverters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage inverters

PRODUCT PAGE
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ABOUT THE PRODUCT

The SINUS 3000 24/230V (1500W/3000VA) electronic inverter is designed to power electrical devices requiring 230V AC voltage from batteries and 24V vehicle electrical systems. It is suitable for vehicles such as motorhomes and locations without direct access to the power grid.

Thanks to its pure sine wave output, it can power inductive, transformer-based and capacitive devices, including power tools, compressors, air conditioners, refrigerators, freezers, central-heating pumps, selected household appliances, consumer electronics, LED lighting, as well as home automation and smart home devices.

The inverter allows PV solar panels to be connected via a voltage controller MPPT or PWM. It is also equipped with USB-A and USB-C ports, as well as thermal, undervoltage, overvoltage, overload and short-circuit protection.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	3000 VA (3000 W)
	Continuous power	1500 W
	Battery voltage	24 V
	Input voltage	21 V - 31 V (operating range: 22 V - 30 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	21,4 V ±5 V
	USB ports	USB-A, USB-C (DC 5 V, 2,1 A)

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

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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Intended application**	Powering inductive, transformer-based and capacitive devices (motors, central-heating pumps, central-heating boilers, compressors, small household appliances)
	Built-in protections	Thermal (cut-off at approx. 60°C–70°C), undervoltage, overvoltage, overload, short-circuit
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	374 x 210 x 101 mm
	Net weight	3604 g
	Unit packaging dimensions	435 x 265 x 145 mm

PRODUCT GALLERY





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