SINUS 2000 24/230V (1000W/2000VA) VOLTAGE INVERTER

REGULAR RANGE

PRODUCT CODE
3SIP200024

EAN
5903293765654

CATEGORY
Voltage inverters

SUBCATEGORY
SINUS voltage inverters 12/24VDC > 230VAC

PRODUCT PAGE
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ABOUT THE PRODUCT

The electronic SINUS 2000 24/230V (1000W/2000VA) inverter is designed to power devices requiring 230V AC voltage from batteries and 24V vehicle electrical systems. It is suitable for use in vehicles and locations without the possibility of direct connection to the power grid.

The device produces a pure sine-wave output voltage corresponding to the mains voltage. This enables it to power inductive devices such as power tools, air compressors, air conditioners, refrigerators, freezers, central-heating pumps and motors for automatic gates and lifts.

The inverter can also power consumer electronics and household appliances, LED lighting, home automation systems and smart home devices. It is equipped with a USB socket and short-circuit, thermal, undervoltage, overvoltage and overload protection.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	2000 VA (2000 W)
	Continuous power	1000 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
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 islanded system
Dimensions and Operating Environment	**Permissible operating temperature**	0°C to 40°C
	Device dimensions	31,5 x 13 x 7,5 cm
	Net weight	2,2 kg
	Individual package dimensions	36,5 x 18 x 11 cm
	Individual package weight	2,65 kg

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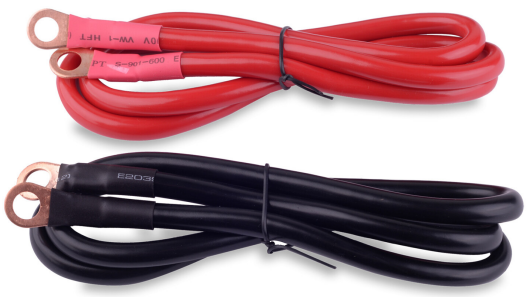
PRODUCT GALLERY













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