SINUS 8000 24/230V (4000W/8000VA) VOLTAGE CONVERTER

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PRODUCT CODE
3SIPS80002

EAN
5904100450794

CATEGORY
Voltage converters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-8000-24-230v-40008000w-przet...



ABOUT THE PRODUCT

SINUS 8000 24/230V (4000W/8000VA) VOLTAGE CONVERTER is an electronic converter designed to power electrical devices requiring 230V AC voltage from batteries and automotive electrical systems 24V. It is used in vehicles and locations without direct access to the power grid.

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

The converter can also power consumer electronics, LED lighting, home automation and smart home devices, as well as selected household appliances, including washing machines and microwave ovens. It is equipped with a USB-A QC 3.0 port, two AC sockets and an AC output terminal intended for >9 A loads or installations.

Built-in protections include thermal, undervoltage, overvoltage, overload and short-circuit protection.

TECHNICAL SPECIFICATIONS

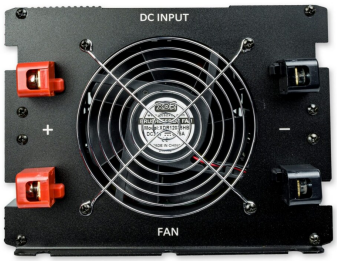
Electrical specifications	**Total power (peak)**	8000 VA (8000 W)
	Continuous power	4000 W
	Battery voltage	24 V
	Input voltage	24 V
	Output voltage	220 V - 230 V AC (±10%)
	Output voltage frequency	50 Hz ±2 Hz
	Undervoltage protection trigger threshold	31 V ±0,4 V
	Efficiency at full load	~92%
	Output voltage waveform	Pure sine wave (pure sine)
	USB ports	USB-A QC 3.0 (max. 18 W: 5 V / 3,1 A, 7 V / 2,4 A, 9 V / 2 A, 12 V / 1,5 A)
Functions and Protections	**Built-in protections**	Thermal (automatic cooling from 45°C, continuous fan operation above 75°C), undervoltage, overvoltage, overload, short-circuit
	AC output connectors	2 AC sockets (max. 15 A each, 30 A total) and AC output terminal (screw terminal block for >9 A loads or installations)
	Intended application	Power supply for inductive, transformer and capacitive devices (motors, pumps, power tools, household appliances)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C for +40°C
	Device dimensions	155 x 210 x 375 mm
	Net weight	8 kg

PRODUCT GALLERY









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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