SINUS 1600 12/230V (800W/1600VA) VOLTAGE INVERTER

REGULAR RANGE

PRODUCT CODE
3SIP160012

EAN
5903293765623

CATEGORY
Voltage inverters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage inverters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-1600-12-230v-800-1600w-przetw...



ABOUT THE PRODUCT

SINUS 1600 12/230V (800W/1600VA) VOLTAGE INVERTER is an electronic device designed to power loads requiring 230V AC voltage from batteries and automotive electrical systems 12V. It is suitable for vehicles and locations where direct connection to the power grid is not possible.

The inverter generates a pure sine-wave voltage corresponding to the mains voltage. It enables the power supply of inductive devices such as power tools, air compressors, air conditioners, refrigerators and freezers.

It can also power 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)**	1600 VA (1600 W)
	Continuous power	800 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz
	Undervoltage protection activation threshold	10,7 V ±0,3 V
	Efficiency at full load	~92%
	Output voltage waveform	Pure sine wave
	No-load consumption	300 mA
	USB socket	Yes

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

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 islanded system
Dimensions and Operating Environment	**Permissible operating temperature**	0°C to 40°C
	Device dimensions	27,5 x 13 x 7,5 cm
	Net weight	1,95 kg
	Individual package dimensions	36 x 18 x 11 cm
	Individual package weight	2,3 kG

PRODUCT GALLERY





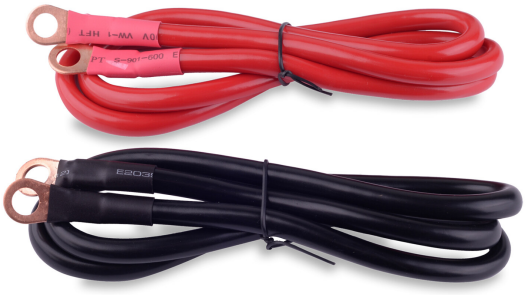
VOLT POLSKA Sp. z o.o.

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

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

PRODUCT GALLERY - CONTINUED







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

This datasheet was generated automatically; technical data and images are for reference only and may change without notice. To the extent permitted by law, VOLT POLSKA accepts no liability for any errors or inaccuracies in this datasheet.