SINUS 600 12/230V (300W/600VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3SIP060012

EAN
5903111886202

CATEGORY
Voltage converters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-600-12-230v-300-600w-przetwor...



ABOUT THE PRODUCT

SINUS 600 12/230V (300W/600VA) VOLTAGE CONVERTER is an electronic device designed to supply receivers requiring AC voltage 230V from batteries and automotive electrical systems 12V. It is suitable for use in vehicles and locations without direct access to the power grid.

Thanks to the use of a pure sine wave at the output, the converter can power inductive devices, including power tools, air compressors, air conditioners, refrigerators and freezers. It is also designed for use with consumer electronics and audiovisual equipment, lighting LED, home automation and smart home devices, household appliances, central heating pumps, and automatic gate and lift motors.

The device is equipped with short-circuit, thermal, undervoltage, overvoltage and overload protection. The protection status is indicated by audible signals for low voltage, undervoltage protection, overvoltage protection, overheating and overload.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	600 VA (600 W)
	Continuous power	300 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

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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Built-in protections**	Short-circuit, thermal (shutdown at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Alarm indications (audible signals)	2 signals (low-voltage alarm), 3 (undervoltage protection), 4 (overvoltage protection), 5 (overheating), 6 (overload)
Dimensions and Operating Environment	**Permissible operating temperature**	0°C to +40°C (according to the detailed table; the abbreviated table specifies -10°C to 40°C)
	Device dimensions	21 x 11 x 6,3 cm
	Net weight	0,95 kg
	Dimensions of individual packaging	25 x 15 x 6,5 cm
	Weight of individual packaging	1,25 kg

PRODUCT GALLERY





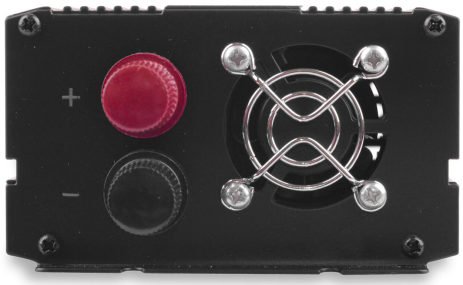
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