SINUS 600 24/230V (300W/600VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3SIP060024

EAN
5903111886219

CATEGORY
Voltage converters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-600-24-230v-300-600w-przetwor...



ABOUT THE PRODUCT

SINUS 600 24/230V (300W/600VA) VOLTAGE CONVERTER is an electronic converter designed to supply devices requiring 230V AC voltage from batteries and automotive electrical systems 24V. It is suitable for use in vehicles and locations without direct access to the power grid.

The device uses pure sine wave technology, providing an output voltage waveform identical to that of the power grid. This also enables it to power inductive devices such as power tools, air compressors, air conditioners, refrigerators and freezers.

The converter is used to 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 short-circuit, thermal, undervoltage, overvoltage and overload protection.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (□aneous)**	600 VA (600 W)
	Continuous power	300 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% (or >92% according to the detailed table)
	Output voltage waveform	Pure sine wave (identical to that of the power grid)
	No-load consumption	300 mA

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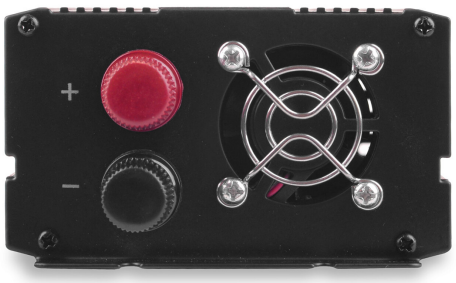
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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Built-in protections**	Short-circuit, thermal (shutdown at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Alarm indications (audible signals)	2 (low-voltage alarm), 3 (undervoltage shutdown), 4 (overvoltage shutdown), 5 (overheating), 6 (overload)
	Intended application	Inductive and capacitive devices (e.g. motors, central heating pumps, household appliances, power tools)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C (or 0°C to 40°C according to the detailed specification)
	Device dimensions	21 x 11 x 6,3 cm
	Net weight	0,95 kg
	Individual package dimensions	25 x 15 x 6,5 cm
	Individual package weight	1,25 kg

PRODUCT GALLERY





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