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

DISCONTINUED

PRODUCT CODE
3SIPS20002

EAN
5904100450688

CATEGORY
Voltage converters

SUBCATEGORY
SINUS ECO 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-eco-2000-24230v-10002000w-prz...



ABOUT THE PRODUCT

The SINUS ECO 2000 24/230V (1000W/2000VA) converter is designed to power devices requiring 230V AC voltage from batteries and 24V vehicle electrical systems. It is suitable for vehicles, including motorhomes, and locations without direct access to the power grid.

The device produces a pure sine wave output voltage, allowing it to power inductive devices such as power tools, compressors, air conditioners, refrigerators and freezers. It is also suitable for powering consumer electronics, LED lighting, home automation systems, household appliances and central-heating pumps.

The converter allows photovoltaic panels to be connected via a voltage controller MPPT or PWM. The “POWER SAVER” mode helps limit battery discharge and extend battery life; its operation can be configured using switches S1-S3 for a load of 5%, 10% or 15%.

The SINUS ECO 2000 24/230V model has a continuous power rating of 1000 W and a peak power rating of 2000 VA (2000 W). It is also equipped with a USB 5 V 2,1 A port.

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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	220 - 230 V
	Output voltage frequency	50 Hz ±2 Hz (optional 60 Hz)
	Efficiency	90% - 94% (at full load ~92%)
	Undervoltage protection trip threshold	21,4 V ±0,6 V
	Output voltage waveform	Pure sine wave (THD factor < 2%)
	No-load current	< 0,8 A
	USB port	5 V 2,1 A
Functions and Protections	**Energy-saving mode**	“POWER SAVER” (configurable using switches S1-S3: 5%, 10%, 15% load)
	Built-in protections	Short-circuit, thermal (shutdown at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Control	Main switch with remote-control mode (R.C.) and port for an optional wired remote control
	Indicators LED	STATUS LED (green/red) and LOAD LEVEL LED (load level: green, orange, red)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	31,7 x 18,6 x 9 cm
	Net weight	2,8 kg
	Individual packaging dimensions	37 x 20,7 x 13 cm
	Individual packaging weight	3,2 kg

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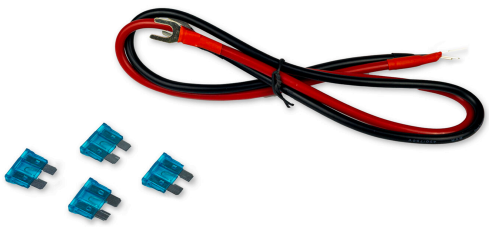
PRODUCT GALLERY











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