SINUS ECO 2000 12/230V (1000W/2000VA) VOLTAGE INVERTER

DISCONTINUED

PRODUCT CODE
3SIPS20001

EAN
5904100450671

CATEGORY
Voltage inverters

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

PRODUCT PAGE
voltpolska.pl/produkty/sinus-eco-2000-12v-10002000w-przetw...



ABOUT THE PRODUCT

SINUS ECO 2000 12/230V (1000W/2000VA) VOLTAGE INVERTER is an electronic inverter designed to power devices requiring AC voltage 230V from batteries and automotive electrical systems 12V. It is suitable for use in vehicles, including motorhomes, and in locations without direct access to the power grid.

The device generates a pure sine wave output 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, as well as consumer electronics, lighting LED, home automation systems, household appliances and central-heating pumps.

The inverter allows photovoltaic panels to be connected via a voltage regulator MPPT or PWM. The “POWER SAVER” mode limits energy consumption, reduces the discharge of connected batteries and may help extend their service life. Its operation is configured using switches S1-S3 for the load level 5%, 10% or 15%.

SINUS ECO 2000 provides continuous power 1000 W and peak power 2000 VA (2000 W). It is also equipped with a USB 5 V 2,1 A port.

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TECHNICAL SPECIFICATIONS

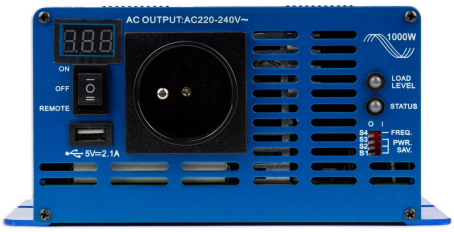
Electrical specifications	**Total power (peak)**	2000 VA (2000 W)
	Continuous power	1000 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz (optional 60 Hz)
	Efficiency	90% - 94% (at full load 92%)
	Undervoltage protection activation threshold	10,7 V ±0,3 V
	Output voltage waveform	Pure sine wave (pure sinusoid)
	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

PRODUCT GALLERY









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