SINUS ECO 4000 12/230V (2000W/4000VA) VOLTAGE INVERTER

DISCONTINUED

PRODUCT CODE
3SIPS40001

EAN
5903293765685

CATEGORY
Voltage inverters

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

PRODUCT PAGE
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ABOUT THE PRODUCT

SINUS ECO 4000 12/230V (2000W/4000VA) is an electronic voltage inverter designed to power electrical devices requiring 230V AC voltage from batteries and 12V vehicle electrical systems. It is suitable for vehicles such as motorhomes and for locations without access to the power grid.

The inverter generates a pure sine wave output voltage corresponding to the mains voltage. It enables the power supply of inductive devices, including power tools, air compressors, air conditioners, refrigerators and freezers, as well as consumer electronics, LED lighting, home automation systems, household appliances and central-heating pumps.

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

The inverter provides continuous power 2000 W and total power 4000 VA (4000 W). It is equipped with a USB 5 V 2,1 A port and enables selection of the 60 Hz frequency using switch S4.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	4000 VA (4000 W)
	Continuous power	2000 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V
	Output voltage	220 V - 230 V
	Output voltage frequency	50 Hz ±2 Hz (optionally 60 Hz, selected using switch S4)
	Efficiency at full load	~92%
	Undervoltage protection activation threshold	10,7 V ±0,3 V
	Output voltage waveform	Pure sine wave (sinusoidal)
	No-load current	< 0,8 A
	USB port	5 V 2,1 A
Functions and Protections	**Energy-saving mode**	“POWER SAVER” (configurable using S1-S3 switches: 5%, 10%, 15% load)
	LED indicators	STATUS LED (green - normal operation, red - fault/failure) and LOAD LEVEL LED (load level indicator: off, green, orange, red)
	Cooling	Fans
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	32 x 25,1 x 10,5 cm
	Net weight	4,6 kg
	Individual package dimensions	32,x25,1x10,5cm
	Individual package weight	4,6 kg

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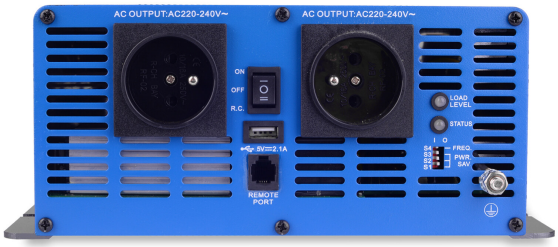
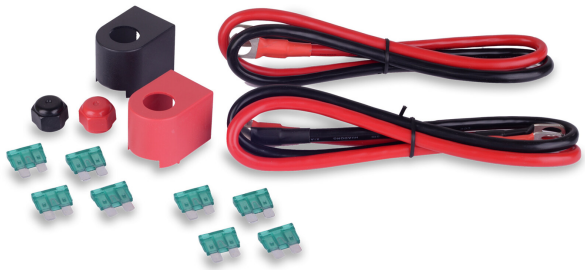
PRODUCT GALLERY













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