SINUS ECO 3000 12/230V (1500W/3000VA) VOLTAGE INVERTER

DISCONTINUED

PRODUCT CODE
3SIPS30001

EAN
5904100450718

CATEGORY
Voltage inverters

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

PRODUCT PAGE
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ABOUT THE PRODUCT

SINUS ECO 3000 12/230V (1500W/3000VA) VOLTAGE INVERTER is an electronic inverter designed to power electrical devices requiring alternating voltage 230V from batteries and automotive electrical systems 12V. It is suitable for vehicles such as motorhomes and for locations without direct access to the power grid.

Thanks to its pure sine wave output, it can power inductive devices, including power tools, air compressors, air conditioners, refrigerators and freezers. The inverter is also suitable for powering consumer electronics and household appliances, lighting LED, home automation systems, smart home devices and central heating pumps.

The device enables the connection of photovoltaic panels via a voltage controller MPPT or PWM. The “POWER SAVER” mode helps limit the discharge of connected batteries and extend their service life; its operation can be configured using switches S1-S3 for a load level of 5%, 10% or 15%.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	3000 VA (3000 W)
	Continuous power	1500 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V
	Output voltage	220 V - 230 V AC
	Output voltage frequency	50 Hz ±2 Hz (optional 60 Hz)
	Efficiency	92%
	Undervoltage protection activation threshold	10,7 V ±0,3 V
	Output voltage waveform	Pure sine wave (pure sinusoid, THD < 2%)
	No-load current	< 0,8 A
	Port USB	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	32 x 25,1 x 10,5 cm
	Net weight	4,6 kg
	Individual package dimensions	37,8 x 27,7 x 15 cm
	Individual package weight	5,2 kg

PRODUCT GALLERY







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