IPS 5000 12/230V (2500W/5000VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3IPS500012

EAN
5903111886189

CATEGORY
Voltage converters

SUBCATEGORY
IPS voltage converters 12/24VDC > 230VAC

PRODUCT PAGE
voltpolska.pl/produkty/ips-5000-12-230v-2500-5000w-przetwo...



ABOUT THE PRODUCT

The IPS electronic voltage converter 5000 12/230V (2500W/5000VA) is used to supply electrical devices requiring 230V AC voltage from batteries and vehicle systems with 12V DC voltage. It is suitable for vehicles and locations where direct connection to the mains supply is not possible.

The device generates a modified sine wave at the output, i.e. AC voltage with a rectangular waveform. It can supply resistive-load devices such as laptops, chargers, electronic power supplies, electric kettles, televisions, RTV equipment and audio-video equipment.

The converter is equipped with short-circuit, thermal, undervoltage, overvoltage and overload protection. The green LED LED indicates correct operation, while the red LED together with an audible signal indicates a system error, short circuit or overload. Cables are included in the W kit.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (momentary)**	5000 VA (5000 W)
	Continuous power	2500 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
	Undervoltage protection activation threshold	10,7 V ±0,3 V
	Output voltage waveform	Modified sine wave
	Efficiency at full load	~92%

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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Built-in protections**	Short-circuit, thermal (cut-off at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Indicators LED	Green LED: correct operation; Red + audible signal: system error (short circuit, overload)
	Cables included	Yes
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	290 x 175 x 145 mm
	Net weight	3,55 kg

PRODUCT GALLERY









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