IPS 500/1000W 12/230V (500W/1000VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3IPS651012

EAN
5903111886141

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
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ABOUT THE PRODUCT

The IPS electronic voltage converter 500/1000W 12/230V (500W/1000VA) is used to power electrical devices requiring 230V AC voltage from batteries and 12V automotive electrical systems. It is suitable for use in vehicles and locations without direct access to the mains power supply.

The device produces a modified sine wave at the output, i.e. AC voltage with a rectangular waveform. It is intended to power resistive- loads, such as laptops, chargers, electronic power supplies, electric kettles, televisions and RTV 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, including a short circuit or overload. W The set includes a Type B cable for connecting the converter to the vehicle cigarette lighter socket, in accordance with the table for model 500/1000.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	1000 VA (1000 W)
	Continuous power	500 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 (shutdown at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Indications LED	Green LED: correct operation; Red + audible signal: system error (short circuit, overload)
	Cables included	Type B (cable for connecting the converter to the vehicle cigarette lighter socket - in accordance with the table for model 500/1000)
Application	**Recommended devices**	Resistive- loads (laptops, chargers, electronic power supplies, televisions, RTV and audio-video equipment)
	Contraindications	Do not connect devices with induction motors or transformers (e.g. pumps, power tools) due to the modified sine wave
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	176 x 105 x 60 mm
	Net weight	0,656 kg
	Individual package dimensions	210 x 140 x 65 mm
	Individual package weight	0,894 kg

PRODUCT GALLERY





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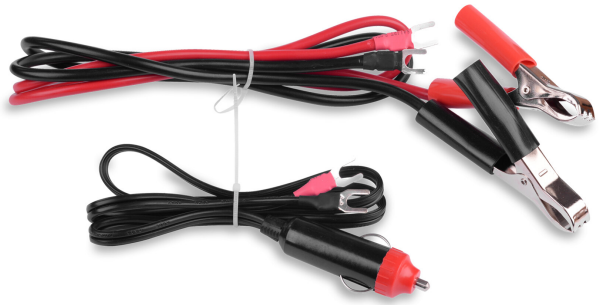
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