IPS 300 24/230V (150W/300VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3IPS030024

EAN
5903111886011

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
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ABOUT THE PRODUCT

The IPS 300 24/230V (150W/300VA) electronic voltage converter is used to power electrical devices requiring 230V AC voltage from batteries and automotive systems with 24V DC voltage. It is suitable for vehicles and locations where direct connection to the power grid is not possible.

The device produces a modified sine wave at the output, i.e. AC voltage with a square 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 powered from a vehicle cigarette lighter socket and has a box-shaped form, allowing it to fit into cup holders. It is equipped with short-circuit, thermal, undervoltage, overvoltage and overload protection. The LED indicators show correct operation or a system fault. W The set includes cable B with a plug for the cigarette lighter socket.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	300 VA
	Continuous power	150 W
	Battery voltage	24 V
	Input voltage	21 V - 31 V (for version 24V)
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz
	Undervoltage protection activation threshold	21,4 V ±0,6 V
	Output voltage waveform	Modified sine wave
	Efficiency at full load	~92%

TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Built-in protection**	Short-circuit, thermal (cut-off at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	LED indicators	Green: correct operation; Red + audible signal: system fault (short circuit, overload)
	Cables included	B (plug for cigarette lighter socket)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	17,5 x 8 x 6 cm
	Net weight	0,45 kg
	Individual packaging dimensions	27 x 14 cm (blister)
	Individual packaging weight	0,5 kg

PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED







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