IPS 500 PLUS 24/230V (350W/500VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3IPS50024P

EAN
5903111886134

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
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ABOUT THE PRODUCT

The IPS 500 PLUS 24/230V (350W/500VA) electronic converter is designed to supply 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 generates a modified sine wave at the output, i.e. AC voltage with a rectangular waveform. It is designed to power resistive- loads, such as laptops, chargers, electronic power supplies, electric kettles, televisions, consumer electronics equipment and audio-video equipment.

The converter is equipped with undervoltage protection, which disconnects the power supply when the input voltage is too low. The W kit includes a Type B cable for connecting the converter to the vehicle cigarette lighter socket.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	500 VA (500 W)
	Rated power (continuous)	350 W
	Battery voltage	24 V
	Input voltage	21 V - 31 V
	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 (rectangular waveform)
	Efficiency at full load	~92%

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TECHNICAL SPECIFICATIONS - CONTINUED

Equipment and Applications	**Cables included**	Type B (cable for connecting the converter to the vehicle cigarette lighter socket)
	Recommended devices	Resistive- loads (laptops, chargers, electronic power supplies, electric kettles, televisions, consumer electronics and audio-video equipment)
	Protection	Undervoltage (power disconnection when the input voltage is too low)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	160 x 105 x 60 mm
	Net weight	0,635 kg
	Dimensions of the individual package	185 x 135 x 65 mm
	Weight of the individual package	0,694 kg

PRODUCT GALLERY





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