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

REGULAR RANGE

PRODUCT CODE
3IPS050024

EAN
5903111886035

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/ips-500-24-230v-350-500w-przetwornic...



ABOUT THE PRODUCT

The electronic IPS 500 24/230V (350W/500VA) converter is used to power electrical devices requiring 230V AC voltage from batteries and vehicle electrical systems with 24V DC voltage. It is suitable for vehicles and locations where direct connection to the mains supply is not possible.

The device produces a modified sine wave at the output, i.e. AC voltage with a rectangular waveform. It can power resistive- load devices, including 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. Correct operation is indicated by a green LED LED, while a red LED together with an audible signal indicates a system fault, such as a short circuit or overload. The W set includes cables A and B: cables with battery clamps and a cigarette-lighter socket plug, in accordance with the instruction table for model 500.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	500 VA
	Continuous power	350 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V
	Output voltage	225 - 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
	LED indications	Green: normal operation; Red + audible signal: system fault (short circuit, overload)
	Cables included	A and B (cables with battery clamps and cigarette-lighter socket plug - in accordance with the instruction table for model 500)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	176 x 105 x 60 mm
	Net weight	0,646 kg

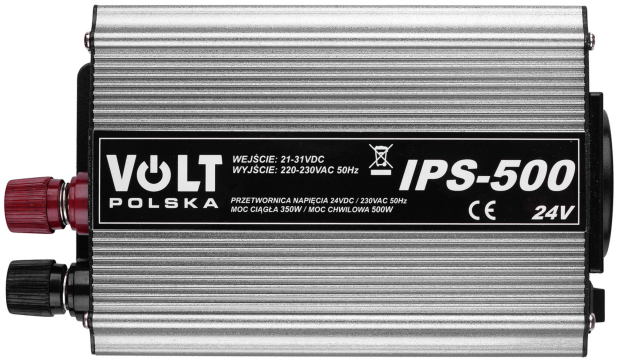
PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED











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