IPS 500 12/230V (350W/500VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3IPS050012

EAN
5903111886028

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24 VDC > 230 VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/ips-500-12-230v-350-500w-przetwornic...



ABOUT THE PRODUCT

The IPS 500 12/230V (350W/500VA) electronic converter is designed to power devices requiring 230V AC voltage from batteries and 12V automotive electrical systems. It is suitable for vehicles and locations without direct access to the power grid.

The device produces a modified sine wave at the output, i.e. AC voltage with a rectangular waveform. It is designed to power resistive- loads, 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. The green LED LED indicates correct operation, while the 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 trip threshold	10,7 V ±0,3 V
	Output voltage waveform	Modified sine wave
	Efficiency at full load	~92%

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

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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: correct operation; Red + audible signal: system fault (short circuit, overload)
	Cables included in the set	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





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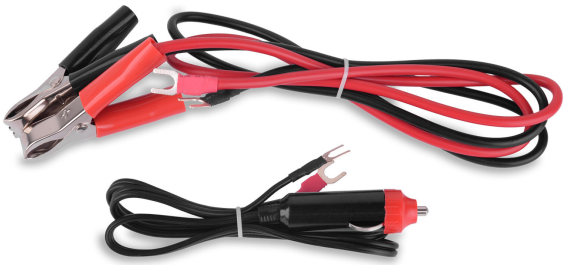
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