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

REGULAR RANGE

PRODUCT CODE
3IPS50012P

EAN
5903111886127

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
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ABOUT THE PRODUCT

The electronic IPS 500 PLUS 12/230V (350W/500VA) converter is designed to supply electrical devices requiring 230 V AC voltage from batteries and 12 V 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 can supply resistive- load devices, 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, short circuit or overload.

W the set includes cables A and B: a cable with battery clamps and a cable for the cigarette lighter socket.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	500 VA (500 W)
	Continuous power	350 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
	LED indications	Green LED: correct operation; Red + audible signal: system error (short circuit, overload)
	Included cables	A and B (cable with battery clamps and cable for the cigarette lighter socket)
Application	**Recommended devices**	Resistive devices (e.g. light bulbs, heaters), electronic power supplies, televisions, audio-video equipment
	Contraindications	Do not connect devices with induction motors (e.g. pumps) or transformers (modified sine wave)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	160 x 105 x 60 mm
	Net weight	0,652 kg
	Individual packaging dimensions	185 x 135 x 65 mm
	Individual packaging weight	0,711 kg

PRODUCT GALLERY





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