IPS 300 12/230V (150W/300VA) VOLTAGE INVERTER

REGULAR RANGE

PRODUCT CODE
3IPS030012

EAN
5903111886004

CATEGORY
Voltage inverters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage inverters

PRODUCT PAGE
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ABOUT THE PRODUCT

The electronic IPS 300 12/230V (150W/300VA) inverter is designed to supply devices requiring 230V AC voltage from batteries and 12V vehicle electrical systems. It is suitable for use in vehicles and locations without access to the mains power grid.

The device produces a modified sine wave at the output, i.e. AC voltage with a square waveform. It is designed to supply resistive- loads, such as laptops, chargers, electronic power supplies, electric kettles, televisions, and RTV and audio-video equipment.

The inverter is powered from the 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 indicator signals correct operation or a system fault, and the set includes a cable with a plug for the cigarette lighter socket.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	300 VA
	Continuous power	150 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V (for version 12V)
	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%

TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Built-in protection**	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	B (plug for cigarette lighter socket)
Dimensions and Operating Environment	**Permitted 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 pack)
	Individual package weight	0,5 kg

PRODUCT GALLERY





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

PRODUCT GALLERY - CONTINUED







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