IPS 1200 DUO 12/24V/230V (600W/1200VA) VOLTAGE CONVERTER

REGULAR RANGE



PRODUCT CODE
3IPS912249

EAN
5903111886950

CATEGORY
Voltage converters

SUBCATEGORY
Voltage converters IPS 12/24VDC > 230VAC

PRODUCT PAGE
voltpolska.pl/produkty/ips-1200-duo-12-24-230v-600-1200w-p...

ABOUT THE PRODUCT

The electronic IPS 1200 DUO 12/24V/230V (600W/1200VA) converter is designed to power devices requiring 230 V AC voltage from batteries and automotive electrical systems 12 V or 24 V. Thanks to automatic adaptation to the battery voltage, it can be used in vehicles and locations without direct access to the power grid.

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

The set includes W Type A cable with clamps for direct connection to the battery. The converter is equipped with short-circuit, thermal, undervoltage, overvoltage and overload protection. The green LED indicates correct operation, while the red LED together with an audible signal indicates an error, short circuit or overload.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	1200 VA (1200 W)
	Continuous power	600 W
	Battery voltage	12 V and 24 V (dual version - automatic adaptation)
	Input voltage	10,5 V - 31 V (operating ranges: 10,5-15,5 V for 12 V | 21-31 V for 24 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 (for 12 V mode) / 21,4 V ±0,6 V (for 24 V mode)
	Output voltage waveform	Modified sine wave (rectangular waveform voltage)
	Efficiency at full load	~92%
Equipment, Functions and Applications	**Included cables**	Type A (cable with clamps for direct connection to the battery)
	Built-in protection	Short-circuit, thermal (cut-off at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Status indicators	Green LED (correct operation); Red LED + audible signal (error, short circuit, overload)
	Recommended devices	Laptops, chargers, electronic power supplies, televisions, consumer electronics equipment, audio-video equipment, small kettles (resistive-heating)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	228 x 158 x 72 mm
	Net weight	1,305 kg
	Individual package dimensions	250 x 198 x 75 mm
	Individual package weight	1,532 kg

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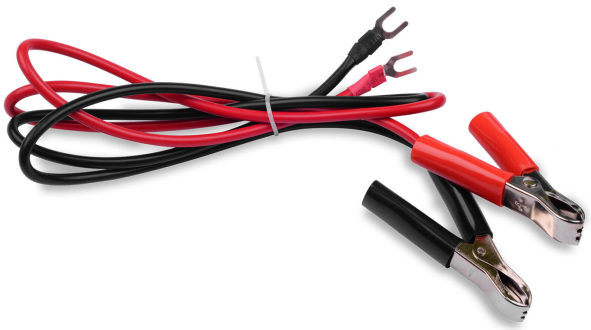
PRODUCT GALLERY













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