IPS 5000 R 12/230V (2500W/5000VA) VOLTAGE CONVERTER

DISCONTINUED

PRODUCT CODE
3IR500012R

EAN
5904100450626

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24 VDC > 230 VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/ips-5000-12230v-r-25005000w-przetwo...



ABOUT THE PRODUCT

The IPS 5000 R 12/230V (2500W/5000VA) electronic voltage converter is designed to power electrical devices requiring 230V AC voltage from batteries and 12V automotive electrical systems. It is suitable for vehicles and locations without the possibility of direct connection to the power grid.

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

The converter enables remote switching on and off. It is equipped with protection against deep battery discharge, which disconnects the output when the voltage drops to 9,5 V ±0,5 V. A USB 5 V 500 mA or 800 mA port is available as an option.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	5000 VA (5000 W)
	Continuous power	2500 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V (wider operating supply range: 9,5 V - 15 V)
	Output voltage	225 V - 235 V AC (or 220 V - 240 V)
	Output voltage frequency	50 Hz ±2 Hz (or 50/60 Hz ±3 Hz)
	Undervoltage alarm activation threshold	10,7 V ±0,3 V / 10,5 V ±0,5 V
	Efficiency at full load	~92% (optimal ≥85%)
	No-load current consumption	≤1,35 A
	Output waveform type	Modified sine wave
	USB port	5 V 500 mA or 800 mA (optional)
Protections and Functions	**Deep-discharge protection**	Output disconnection when the voltage drops to 9,5 V ±0,5 V
	Overcharge (overvoltage) protection	Output cutoff when voltage rises to 15 V ±0,5 V
	Short-circuit and thermal protection	Yes (automatic shutdown and output cutoff)
	Reverse polarity protection	Internal replaceable fuses (30A x 10 and 20A x 1)
	Control	Option to connect an optional remote control (with a 5 m cable)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	33 x 23 x 10 cm
	Net weight	4220 g

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PRODUCT GALLERY









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