IPS 6000 R 12/230V (3000W/6000VA) VOLTAGE CONVERTER

DISCONTINUED

PRODUCT CODE
3IR600012R

EAN
5904100450640

CATEGORY
Voltage converters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
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ABOUT THE PRODUCT

The electronic IPS 6000 R 12/230V (3000W/6000VA) converter is designed to power electrical devices requiring 230V AC voltage from batteries and 12V vehicle electrical systems. It is used in 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, including 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.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	6000 VA (6000 W)
	Continuous power	3000 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 V (operating power supply range in the R series: 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	≤1,6 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 protection (overvoltage)	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
	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	42 x 23 x 10,8 cm (the table for the R series specifies 41 x 23 x 10,8 cm)
	Net weight	6,2 kg (the table for the R series specifies 7,5 kg)
	Individual package dimensions	47 x 29 x 17,5 cm
	Individual package weight	7,45 kg

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PRODUCT GALLERY









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