IPS 6000 R 24/230V (3000W/6000VA) VOLTAGE INVERTER

DISCONTINUED

PRODUCT CODE
3IR600024R

EAN
5904100450657

CATEGORY
Voltage inverters

SUBCATEGORY
IPS 12/24VDC > 230VAC voltage inverters

PRODUCT PAGE
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ABOUT THE PRODUCT

The electronic IPS 6000 R 24/230V (3000W/6000VA) inverter is designed to power electrical devices requiring 230V AC voltage from batteries and 24V automotive 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 enables the power supply of resistive-load devices such as laptops, chargers, electronic power supplies, electric kettles, televisions, consumer electronics and audio-video equipment.

The inverter offers remote switching on and off. It is equipped with deep-discharge protection for the battery, which disconnects the output when the voltage drops to 19 V ±1 V.

Catalogue number: 3IR600024R.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (peak)**	6000 VA (6000 W)
	Continuous power	3000 W
	Battery voltage	24 V
	Input voltage	21 V - 31 V (operating supply range in the R series: 19 V - 30 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	21,4 V ±0,6 V / 21 V ±1 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 19 V ±1 V
	Overcharge protection (overvoltage)	Output cutoff when voltage rises to 30 V ±1 V
	Short-circuit and thermal protection	Yes (automatic shutdown and output cutoff)
	Reverse-polarity protection	Replaceable internal 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 (optimally 0°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	7,5 kg

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PRODUCT GALLERY









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