IPS 2000 N 12/230V (1000W/2000VA) VOLTAGE CONVERTER + USB

REGULAR RANGE

PRODUCT CODE
3IPSN20012

EAN
5903293765128

CATEGORY
Voltage converters

SUBCATEGORY
IPS voltage converters 12/24VDC > 230VAC

PRODUCT PAGE
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ABOUT THE PRODUCT

The IPS electronic converter 2000 N 12/230V (1000W/2000VA) is designed to power electrical devices requiring 230V AC voltage from batteries and vehicle systems with 12V DC voltage. It is suitable for vehicles and locations without the possibility of direct connection to the power grid.

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

The converter is equipped with short-circuit, thermal, undervoltage, overvoltage and overload protection. W the overload exceeds 120%, the device switches off automatically.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (instantaneous)**	2000 VA (2000 W)
	Continuous power	1000 W
	Battery voltage	12 V
	Input voltage	10,5 V - 15,5 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
	Output voltage waveform	Modified sine wave
	Efficiency at full load	~92%
	No-load current draw	~300 mA

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

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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Overload protection**	>120% (the device switches off automatically)
	Built-in protections	Short-circuit, thermal, undervoltage, overvoltage, overload (according to the characteristics of the IPS N series)
Dimensions and Operating Environment	**Permissible operating temperature**	-10°C to +40°C
	Device dimensions	237 x 165 x 69 mm
	Net weight	1548 g
	Unit packaging dimensions	270 x 210 x 115 mm
	Unit packaging weight	1770 g

PRODUCT GALLERY





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