SINUS PRO 1000 W 12/230V (700W/1000VA) BACKUP POWER SUPPLY [AGM, GEL]

REGULAR RANGE

PRODUCT CODE
3SP100012W

EAN
5903111886370

CATEGORY
Backup power supply

SUBCATEGORY
SINUS PRO W backup power supplies (suspended, AGM/GEL)

PRODUCT PAGE
voltpolska.pl/produkty/sinus-pro-1000-w-12-230v-700-1000w...



ABOUT THE PRODUCT

SINUS PRO 1000 W 12/230V (700W/1000VA) is an OFF-GRID backup power supply designed to provide uninterrupted power to computers, servers, computer systems and other devices. W the event of a mains voltage failure 230VAC or photovoltaic system failure, it automatically switches to battery operation, ensuring continued system operation and protection against data loss.

The device is equipped with an automatic AVR voltage stabiliser, a mains charger and an inverter generating a pure sine wave voltage. The toroidal transformer enables operation with capacitive, inductive and resistive loads, and responds flexibly to overloads, including the starting of pumps, compressors and motors. The inverter can operate in UPS mode, providing virtually uninterrupted power to, among others, blowers, feeders, pumps, central-heating systems and automation systems.

The power supply can power central-heating pumps and boilers, automatic gate and lift motors, refrigerators, freezers, air conditioners, consumer electronics, LED lighting, home automation systems, smart home devices, power tools and household appliances. The LCD display shows the most important operating parameters, including input and output voltage as well as battery voltage and charging status. The device has protection systems and alarms against overload, short circuit, over- and undervoltage, and overheating.

Dedicated lead-acid batteries AGM/GEL designed for buffer or cyclic operation and deep discharge are recommended for operation. Do not use automotive batteries or LiFePO4 batteries. Candida.

TECHNICAL SPECIFICATIONS

General Parameters	**Total power (instantaneous)**	1000VA
	Rated power (continuous)	700W
	Charging current (without load)	Over 1A
	No-load current (battery operation)	< 1A
	Efficiency	92% (± 5% depending on load)
	Mains/battery transfer time	≤ 4ms

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TECHNICAL SPECIFICATIONS - CONTINUED

Input Parameters (Mains)	**Input voltage**	170-270 VAC
	Input frequency	45~65 Hz
Output Parameters (AC)	**Output voltage**	230 VAC ±1% in battery mode / 230 VAC ±8% in mains mode with AVR
	Output frequency	50 Hz ± 0,5 Hz
	Output voltage waveform	Pure sine wave
	Waveform distortion (THD)	< 3%
Battery and Charging	**Battery**	Not included
	Battery voltage	12 VDC
	Maximum charging current	20A
Protections and Functions	**Protection**	Overload, temperature, overvoltage and undervoltage, battery discharge, short-circuit, and overcharge protection
	Priority selection button (mains/battery)	YES
Dimensions/Weight	**Device dimensions**	311 x 232 x 140 mm
	Net weight	6,8 kg
	Individual package dimensions	400 x 330 x 205 mm
	Individual package weight	8 kg

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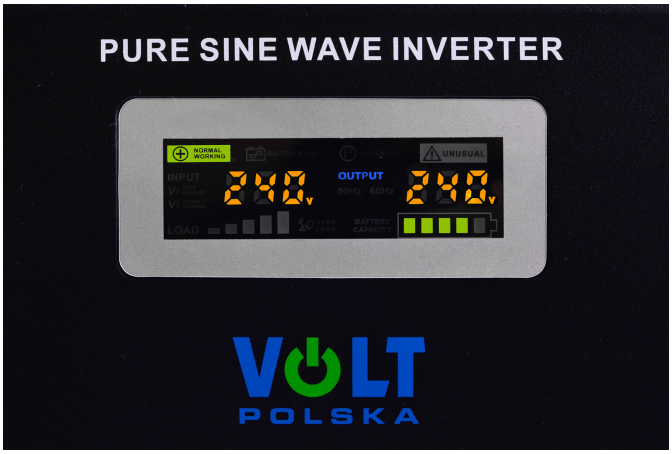
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PRODUCT GALLERY









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