SINUS PRO 2000 W 24/230V (1400W/2000VA) EMERGENCY POWER SUPPLY [AGM, GEL]

REGULAR RANGE

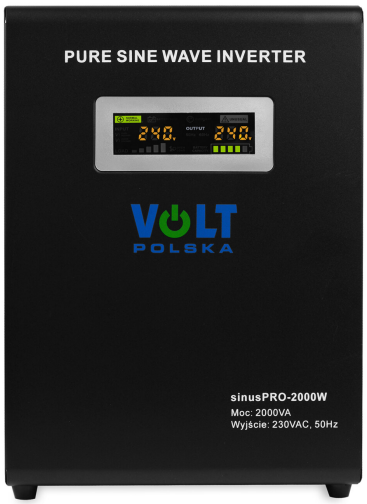
PRODUCT CODE
3SP200024W

EAN
903111886387

CATEGORY
Emergency power supply

SUBCATEGORY
SINUS PRO W emergency power supplies (wall-mounted, AGM/GEL)

PRODUCT PAGE
voltpolska.pl/produkty/sinus-pro-2000-w-24-230v-1400-2000w...



ABOUT THE PRODUCT

SINUS PRO 2000 W 24/230V (1400W/2000VA) EMERGENCY POWER SUPPLY [AGM, GEL] is an OFF-GRID-type power supply designed for uninterrupted power supply to computers, servers, computer systems, and devices equipped with motors and inductive circuits. W the event of a mains voltage failure 230VAC or photovoltaic power supply, it automatically switches to battery power, enabling the connected devices to continue operating.

The device is equipped with a pure sine wave inverter based on a toroidal transformer, an automatic AVR mains voltage stabiliser, and a mains charger for the connected battery. The transformer design enables operation with capacitive, inductive, and resistive loads and responds flexibly to overloads occurring, among other situations, during the start-up of pumps, compressors, and motors.

The power supply can operate in UPS mode, providing virtually uninterrupted operation of blowers, feeders, pumps, central-heating systems, and automation systems, among other equipment. The LCD display shows the key operating parameters, including the input and output voltage, as well as the battery voltage and charging status. The device has protection features and alarms for overload, short circuit, excessively high and low voltage, and overheating.

The use of dedicated lead-acid batteries AGM/GEL designed for buffer, cyclic, and deep-discharge operation is recommended. Do not connect automotive batteries or LiFePO4. For operation with LiFePO4 batteries, the Sinus PRO ULTRA series by VOLT Polska is recommended.

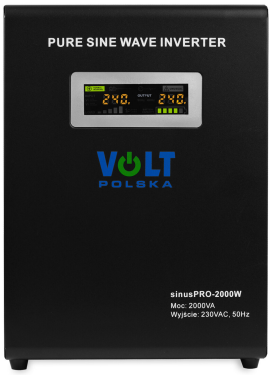
TECHNICAL SPECIFICATIONS

General Parameters	**Total power (momentary)**	2000VA
	Continuous power	1400W
	Charging current (no load)	Over 1A
	No-load current (battery operation)	< 1A
	Efficiency	92% (± 5% depending on the load)
	Mains/battery switching time	≤ 4ms

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	24 VDC
	Maximum charging current	20A
Protections and Functions	**Protection**	Overload, temperature, overvoltage and undervoltage, battery discharge, short-circuit, overcharge protection
	Priority selection button (mains/battery)	YES
Dimensions/Weight	**Device dimensions**	311 x 232 x 140 mm
	Net weight	9,5 kg
	Individual package dimensions	400 x 330 x 205 mm
	Individual package weight	10,5 kg

PRODUCT GALLERY









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PRODUCT GALLERY - CONTINUED







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