SINUS PRO 2400 W 12/230V (1600W/2400VA) EMERGENCY POWER SUPPLY [AGM, GEL]

REGULAR RANGE



PRODUCT CODE
3SP240012W

EAN
5904100450534

CATEGORY
Emergency power supply

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

PRODUCT PAGE
voltpolska.pl/produkty/sinus-pro-2400-w-12230v-16002400w...

ABOUT THE PRODUCT

The sinusPRO 2400W 12V computer emergency power supply is designed to provide uninterruptible power to computers, servers and computer systems. W the event of a mains voltage failure from the 230VAC grid or photovoltaic system, it automatically switches to battery operation, enabling continued system operation and protecting against data loss.

The OFF-GRID 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 occurring during the start-up of pumps, compressors and motors.

The inverter can operate in UPS mode, ensuring virtually uninterrupted operation of blowers, feeders, pumps, central heating systems and automation systems. The power supply can be used for devices such as central heating pumps and boilers, automatic gate and lift motors, refrigerators, freezers, air conditioners, consumer electronics, LED lighting, smart home systems, power tools and household appliances.

The LCD display shows the most important operating parameters, including input and output voltage and battery voltage and charging status. The device is equipped with protection and alarms against overload, short circuit, excessively high and low voltage, and overheating. The use of -lead-acid batteries AGM/Gel designed for standby, cyclic and deep-discharge operation is recommended. Do not connect automotive batteries or LiFePO4.

TECHNICAL SPECIFICATIONS

General Parameters	**Total power (instantaneous)**	2400VA
	Continuous power	1600W
	Charging current (without load)	Over 1A
	No-load current (battery operation)	< 1A
	Efficiency	92% (± 5% depending on load)
	Mains/battery transfer time	≤ 4ms

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

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
Protection and Functions	**Protection**	Overload, temperature, overvoltage and undervoltage, battery discharge, short-circuit, overcharge protection
	Priority selection button (mains/battery)	YES
Dimensions/Weight	**Device dimensions**	477 x 222 x 210 mm
	Net weight	13 kg
	Individual package dimensions	565 x 305 x 290 mm
	Individual package weight	16,5 kg

PRODUCT GALLERY





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