SINUS PRO 5000 W 48/230V (3400W/5000VA) UNINTERRUPTIBLE POWER SUPPLY [AGM, GEL]

REGULAR RANGE

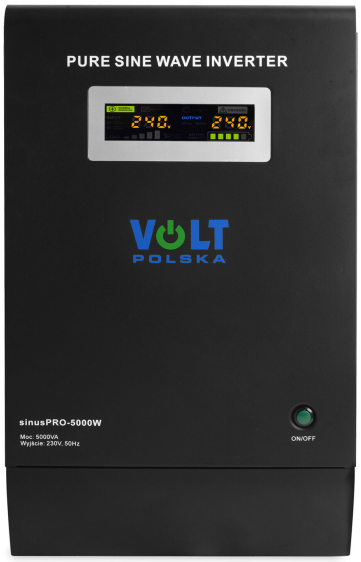
PRODUCT CODE
3SP500048W

EAN
5903111886486

CATEGORY
Uninterruptible power supply

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

PRODUCT PAGE
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ABOUT THE PRODUCT

SINUS PRO 5000 W 48/230V (3400W/5000VA) computer uninterruptible power supply UNINTERRUPTIBLE POWER SUPPLY [AGM, GEL] is designed to provide uninterrupted power to computers, servers and computer systems. W the event of a voltage loss from the 230VAC mains or photovoltaic system, it automatically switches to battery operation, enabling the system to continue operating and reducing the risk of data loss.

The OFF-GRID device is equipped with an automatic AVR voltage stabiliser, a mains charger and a pure sine-wave inverter based on a toroidal transformer. The design 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, among others, blowers, feeders, pumps, central-heating systems and control 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 key operating parameters, including input and output voltage, as well as battery voltage and charging status. The device is also equipped with protection systems and alarms for overload, short circuit, voltage and temperature.

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

TECHNICAL SPECIFICATIONS

General Parameters	Total power (short-term)	5000VA
	Rated power (continuous)	3500W
	Charging current (without load)	Over 1A
	No-load current (battery operation)	< 1A
	Efficiency	92% (± 5% depending on the load)
	Mains/battery transfer time	≤ 4ms
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	48 VDC
	Maximum charging current	10A
Protections and Functions	Protection	Overload, overtemperature, overvoltage and undervoltage, battery discharge, short circuit, overcharge protection
	Priority selection button (mains/battery)	YES
Dimensions/Weight	Device dimensions	540 x 330 x 130 mm
	Net weight	22 kg
	Individual package dimensions	625 x 420 x 230 mm
	Individual package weight	24,4 kg

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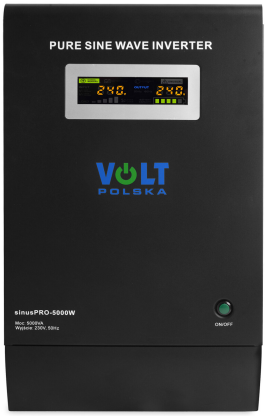
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PRODUCT GALLERY









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