SINUS PRO 500 W 12/230V (350W/500VA) EMERGENCY POWER SUPPLY [AGM, GEL]

REGULAR RANGE

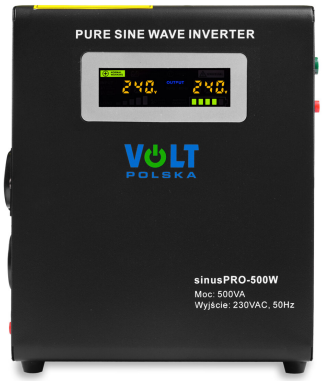
PRODUCT CODE
3SP095012W

EAN
5903293765272

CATEGORY
Emergency power supply

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

PRODUCT PAGE
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ABOUT THE PRODUCT

SINUS PRO 500 W 12/230V (350W/500VA) EMERGENCY POWER SUPPLY [AGM, GEL] is an OFF-GRID-type power supply designed for uninterruptible power supply to computers, servers and computer systems. W the event of a mains voltage failure 230VAC or photovoltaic power, it automatically switches to battery operation, enabling the connected devices to continue operating and reducing the risk of 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 during the start-up of pumps, compressors and motors. UPS mode ensures virtually uninterrupted operation of pumps, blowers, feeders, central-heating systems and automation systems.

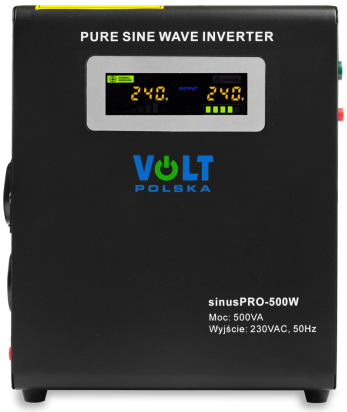
The LCD display shows the most important operating parameters, including the input and output voltage and the battery voltage and charging status. The power supply provides protection and alarms against overload, short circuit, excessively high and low voltage, as well as thermal protection. It can power, among other things, central-heating pumps and boilers, automatic gate and lift motors, refrigerators, freezers, air conditioners, consumer electronics, LED lighting, home automation systems, power tools and household appliances.

Dedicated lead-acid batteries AGM/Gel designed for buffer, cyclic and deep-discharge operation are recommended for operation. Do not connect car batteries or LiFePO4. For LiFePO4 batteries, the Sinus PRO ULTRA series by VOLT Polska is recommended.

TECHNICAL SPECIFICATIONS

General Parameters	Total power (short-term)	500VA
	Rated power (continuous)	300W
	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	12 VDC
	Maximum charging current	10A
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	253 x 241 x 102 mm
	Net weight	4,2 kg
	Individual package dimensions	275 x 140 x 310 mm
	Individual package weight	4,5 kg

PRODUCT GALLERY









PRODUCT GALLERY - CONTINUED







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