SINUS PRO 800 W 12/230V (500W/800VA) BACKUP POWER SUPPLY [AGM, GEL]

REGULAR RANGE

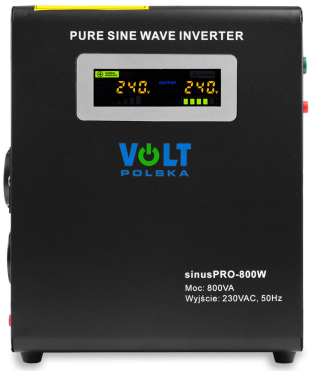
PRODUCT CODE
3SP098012W

EAN
5903111886479

CATEGORY
Backup power supply

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

PRODUCT PAGE
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ABOUT THE PRODUCT

SINUS PRO 800 W 12/230V (500W/800VA) BACKUP POWER SUPPLY [AGM, GEL] is an OFF-GRID backup power supply designed to provide uninterrupted power to computers, servers and computer systems. W the event of a mains voltage failure 230VAC or photovoltaic power supply, it automatically switches to battery operation, enabling the system to continue operating and protecting against data loss.

The device is equipped with an automatic AVR voltage stabiliser, a mains charger and an inverter producing a pure sine-wave voltage. The toroidal transformer compensates for the varying reactive power of loads and enables operation with capacitive, inductive and resistive loads. The inverter can operate in UPS mode, supplying, among other things, pumps, blowers, feeders, central-heating systems and automation systems.

The LCD display presents 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 related to overload, short circuit, excessively high or low voltage and temperature. The robust, compact enclosure facilitates use in various installations.

Dedicated lead-acid batteries AGM/GEL designed for standby, cyclic and deep-discharge operation are recommended. Do not use automotive batteries or LiFePO4; for LiFePO4 batteries, the Sinus PRO ULTRA series from VOLT Polska is recommended.

TECHNICAL SPECIFICATIONS

General Parameters	**Total power (peak)**	800VA
	Continuous power	500W
	Charging current (without load)	More than 1A
	No-load current (battery operation)	< 1A
	Efficiency	92% (± 5% depending on the load)
	Mains/battery transfer time	≤ 4ms

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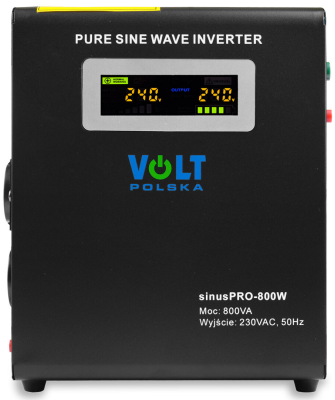
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TECHNICAL SPECIFICATIONS - CONTINUED

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	10A
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**	253 x 241 x 102 mm
	Net weight	4,7 kg
	Individual package dimensions	275 x 140 x 310 mm
	Individual package weight	5 kg

PRODUCT GALLERY





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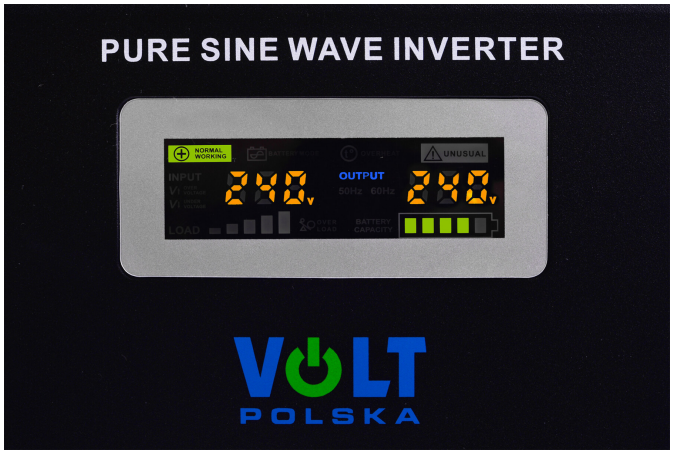
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