



SINUS PRO 2000 E 12/230V (1250W/2000VA) EMERGENCY POWER SUPPLY [AGM, GEL]

REGULAR RANGE

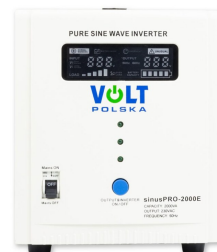
PRODUCT CODE
3SP092012E

EAN
5903293765210

CATEGORY
Emergency power supply

SUBCATEGORY
SINUS PRO E emergency power supplies (freestanding, AGM/GEL)

PRODUCT PAGE
voltpolska.pl/produkty/sinus-pro-2000-e-12-230v-1600-2000w...



ABOUT THE PRODUCT

Summary based on the description published on the product page.

SINUS PRO 2000 E 12/230V (1250W/2000VA) EMERGENCY POWER SUPPLY [AGM, GEL] combines the functions of a DC/AC inverter with a pure sine wave, UPS emergency switch, battery charger and AVR mains voltage stabiliser. In case of a 230VAC voltage failure, it automatically switches to battery power, ensuring uninterrupted operation of the connected devices.

The device is intended, among other applications, for powering central heating systems, central heating boilers, pumps, controllers, feeders, computers, servers, computer sets, automatic gates and automation equipment. The pure sine wave at the output enables the power supply of inductive devices. The colour display enables monitoring of the system's key operating parameters.

The device's total power is 2000VA, and its continuous power is 1250W. Efficiency exceeds 92%, while the transfer time from mains to battery power is $\leq 4\text{ms}$. The input voltage is within the range 170-270VAC, and the input frequency is 45~65Hz. The output voltage is 230VAC $\pm 1\%$ in battery mode and 216-245VAC in mains mode with AVR.

The output frequency is 50/60Hz $\pm 1\text{Hz}$, the output voltage waveform is a pure sine wave, and the distortion is $< 3\%$ THD. The power supply is compatible with a 12VDC battery, which is not included in the set. The use of lead-acid AGM/Gel batteries designed for standby, cyclic and deep-discharge operation is recommended. Do not connect automotive batteries or LiFePO4.

TECHNICAL SPECIFICATIONS

General Parameters	Total power (instantaneous)	2000VA
	Continuous power (continuous)	1250W
	Efficiency	Over 92%
	Mains/battery transfer time	$\leq 4\text{ms}$
Input Parameters (Mains)	Input voltage	170-270VAC
	Input frequency	45~65Hz



TECHNICAL SPECIFICATIONS - CONTINUED

Output Parameters (AC)	Output voltage	230VAC $\pm 1\%$ in battery mode / 216-245VAC in mains mode with AVR
	Output frequency	50/60Hz ± 1 Hz
	Output voltage waveform	Pure sine wave
	Distortion	< 3% THD
Battery and Charging	Battery	Not included in the set
	Battery voltage	12VDC
	Max. charging current	20A
	Charging current selection (5/10A)	NO
Protections and Functions	Protection	Overload, overtemperature, overvoltage and undervoltage, battery deep-discharge, short-circuit and overcharge protection
	Priority selection button (mains/battery)	NO
Operating Environment	Operating temperature	0-40°C
Dimensions/Weight	Device dimensions	220 x 335 x 230 mm
	Net weight	12,5 kg
	Individual package dimensions	395 x 272 x 305 mm
	Individual package weight	13,5 kg

PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED

