



SINUS PRO 1000 E 12/230V (700W/1000VA) BACKUP POWER SUPPLY [AGM, GEL]

REGULAR RANGE

PRODUCT CODE
3SP091012E

EAN
5903293765234

CATEGORY
Backup power supply

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

PRODUCT PAGE
voltpolska.pl/produkty/sinus-pro-1000-e-12-230v-700-1000w-z...



ABOUT THE PRODUCT

Summary based on the description published on the product page.

SINUS PRO 1000 E 12/230V (700W/1000VA) BACKUP POWER SUPPLY [AGM, GEL] is a device for uninterrupted power supply to central heating systems, computers, servers, automatic gates and automation equipment. W the event of a 230VAC mains voltage failure, it switches to battery operation, ensuring continued system operation.

The device combines the functions of a DC/AC inverter with a pure sine wave, a UPS-type backup switch, a battery charger, an AVR mains voltage stabiliser and a display monitoring the most important operating parameters. The line-interactive power supply may reverse the output voltage polarity when switching to battery power.

The device's total power is 1000VA, and its continuous power is 700W. Efficiency exceeds 92%, the mains/battery transfer time is $\leq 4\text{ms}$, and the input voltage ranges from 170-270VAC at a frequency of 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 sinusoidal, and distortion is $< 3\%$ THD.

The battery is not included. The device is designed for use with 12VDC batteries; -lead-acid batteries AGM/GEL suitable for buffer or cyclic operation and deep discharge are recommended. Do not use automotive batteries or LiFePO4.

TECHNICAL SPECIFICATIONS

General Parameters	Total power (momentary)	1000VA
	Continuous power	700W
	Efficiency	Over 92%
	Mains/battery transfer time	$\leq 4\text{ms}$
Input Parameters (Mains)	Input voltage	170-270VAC
	Input frequency	45~65Hz
Output Parameters (AC)	Output voltage	230VAC $\pm 1\%$ in battery mode / 216-245VAC in mains mode with AVR
	Output frequency	50/60Hz $\pm 1\text{Hz}$
	Output voltage waveform	Pure sine wave
	Distortion	$< 3\%$ THD



TECHNICAL SPECIFICATIONS - CONTINUED

Battery and Charging	Battery	Not included
	Battery voltage	12VDC
	Max. charging current	10A
	Charging current selection (5/10A)	YES
Protection and Functions	Protection	Overload, overtemperature, overvoltage and undervoltage, battery discharge, short-circuit, overcharge protection
	Priority selection button (mains/battery)	NO
Operating Environment	Operating temperature	0-40°C
Dimensions/Weight	Device dimensions	138 x 276 x 155 mm
	Net weight	5,7 kg
	Individual packaging dimensions	340 x 180 x 205 mm
	Individual packaging weight	6 kg

PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED

