

# PURE SINE WAVE INVERTER VOLT POLSKA

## SinusPRO 1000 E 12/230V (700/1000W)

The **sinusPRO 1000 E 12V** is an uninterruptible power supply device for electrical heating installations (pumps, controllers, feeders etc.), computers, servers, computer sets, automatic gates, power tools. In case of lack of mains voltage 230VAC, the inverter switches to battery power mode and allows all devices to operate uninterrupted.

### The main functions included in the inverter:

- Pure sine wave DC/AC converter
- Fast switching UPS
- Mains battery charger
- AVR - Automatic Voltage Regulation

The inverter generates a pure sine wave at the output, which makes it possible to work with practically any type of load, especially induction devices.

**IMPORTANT!** We recommend using maintenance-free, lead-acid batteries like AGM/GEL which are designed to float and cycle work and deep discharge. Connecting car batteries to the inverter may cause the damage of the inverter and the battery. LiFePO4 batteries shouldn't also be connected to the inverter due to different charging/discharging characteristics than the inverter sinusPRO E, W, S have. We recommend using the Sinus PRO ULTRA inverters from VOLT Polska to work with LiFePO4 batteries.

### Main features:

MODEL	sinusPRO 1000 E 12V
Max power	1000VA
Max current power	700W
Input voltage	170-270VAC
Output voltage	230VAC $\pm$ 1% battery mode: 216-245VAC mains mode (AVR)
Battery voltage	12VDC
Max charging current	10A
Frequency	50/60Hz $\pm$ 1Hz
Waveform	Pure sine wave
Protection	Overload, against overcharging and discharging
Working temperature	0-40°C
Dimensions/Weight	138x276x155mm/5,7kg
Gross Dimensions/Weight	340x180x205mm/6kg
Multipack Dimensions/Weight	380x355x225mm/12,8kg

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