

# PURE SINE WAVE INVRTER VOLT POLSKA

## SINUS ECO 4000 12/24V

The pure sine wave inverter **SINUS 4000 12/24V** is designed to power electrical equipment that requires AC 230V from batteries and car installations with DC 12V/24V. It is basically used in vehicles and in places where there is no possibility of direct connection to the power grid. **The pure sine wave inverter produces sinusoidal voltage at its output, the same as in the mains.** In this way, it the device can power **inductive devices** such as campers, refrigerators, freezers, air conditioners, consumer electronics, LED lighting, home automation, power tools, heat pumps. **Solar panels can be also connected to the inverter via MPPT or PWM controller.** In addition, the **POWER SAVER mode** allows to save energy. It significantly reduces the discharge of the connected batteries and extends their life. **The main features:** pure sine wave output THD<2%, input&output completely isolated design, high efficiency 8494%, LED indicator with twin color displays all operation status, loading and temperature controlled the cooling fan, built in advanced microprocessor to make friendly interface with user, protection: input low voltage alarm & shutdown, overload, short circuit, input over voltage, over temperature, reverse polarity.

### Technical data:

| MODEL                             | 4000 12V                                    | 4000 24V       |
|-----------------------------------|---|----------------|
| Max power                         | 4000VA                                      | 4000VA         |
| Continuous power                  | 2000W                                       | 2000W          |
| Battery voltage                   | 12V   | 24V            |
| Input voltage                     | 12V: 10,5 V - 15,5 V   24V: 21 V - 31 V     |                |
| Output voltage                    | 220 - 230 V                                 |                |
| Output voltage frequency          | 50 Hz (+2Hz)                                |                |
| Full load efficiency              | ~92 %                                       |                |
| Undervoltage protection threshold | 12V: 10,7 V (+0,3 V)   24V: 21,4 V (+0,6 V) |                |
| Working temperature               | -10°C do 40°C                               |                |
| Dimensions                        | 32x25,1x10,5cm                              | 32x25,1x10,5cm |
| Weight                            | 4,6kg                                       | 4,6kg          |
| Dimensions (single packaging)     | 37,8x27,7x15cm                              | 37,8x27,7x15cm |
| Weight (single packaging)         | 5,2kg                                       | 5,2kg          |
| Multipack dimensions              | 39x29x33cm                                  | 39x29x33cm     |
| Multipack weight                  | 10,5kg                                      | 10,5kg         |

**SINUS 4000 12V:**

**INDEKS: 3SIPS40001**

**EAN: 5903293765685**

**SINUS 4000 24V:**

**INDEKS: 3SIPS40002**

**EAN: 5903293765692**



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