

# PURE SINE WAVE INVRTER VOLT POLSKA

## SINUS PLUS 4000 12/24V

The pure sine wave inverter, from **SINUS PLUS** series, is designed to power electrical equipment that requires AC 230V from batteries and car installations with DC 12/24V. 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 tool
- Heat pumps

**Solar panels can be also connected to the inverter via MPPT or PWM controller.**

**The safety features:** short-circuit protection, thermal protection – switches off the device after about 60 - 70C, undervoltage protection – switches off the device if the input voltage is too low (discharge of the battery), overvoltage protection – switches off the device when the overheated temperature is too high, overload protection – turns off the device when it is overloaded for more than dozen of seconds, idle load – 300 mA, **control panel for switching ON/OFF in package with inverter.**

### 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	225-235V	
Output voltage frequency	50 Hz (+2Hz)	
Full load efficiency	~ 92 %	
Undervoltage protection threshold	12V: 10,7 V ( $\pm$ 0,3 V)   24V: 21,4 V ( $\pm$ 0,5 V)	
Working temperature	-10°C do 40°C	
Dimensions	342x201x94mm	342x201x94mm
Weight	4142g	4142g
Dimensions (single packaging)	387x228x145mm	387x228x145mm
Weight (single packaging)	4442g	4442g
Multipack dimensions	45,5x40x24,5cm	45,5x40x24,5cm
Multipack weight	14076g	14076g

### SINUS PLUS 4000 12V:

INDEKS: 3SIR400012

EAN: 5903760240363

### SINUS PLUS 4000 24V:

INDEKS: 3SIR400024

EAN: 5903760240370



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