

# PURE SINE WAVE INVERTER VOLT POLSKA

## SINUS 3000 N 12/24V

The pure sine wave inverter **SINUS 3000 N 12/24V** 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,

### Technical data:

MODEL	3000 N 12V	3000 N 24V
Max power	3000VA	3000VA
Continuous power	1500W	1500W
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 (+- 0,3 V)   24V: 21,4 V (+- 5 V)	
Working temperature	-10°C do 40°C	
Dimensions	342x201x94mm	342x201x94mm
Weight	3962g	3962g
Dimensions (single packaging)	387x228x145mm	387x228x145mm
Weight (single packaging)	4262g	4262g
Multipack dimensions	45,5x40x24,5cm	45,5x40x24,5cm
Multipack weight	13536g	13536g

**SINUS 3000 N 12V:**  
**INDEKS:** 3SIP300012  
**EAN:** 5903111886264

**SINUS 3000 N 24V:**  
**INDEKS:** 3SIP300024  
**EAN:** 5903111886271



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