

# Pure Sine Wave Inverter 24V DC 2000W



## 24V compatibility producing 230V AC Pure Sine Wave with 2000W of power

Will work with all 24V vehicles to produce 230V mains power with 2000W of power for all electronic devices including sensitive devices, for remote working



## 4000W peak power rating

To handle large power loads when initially starting an electrical device. Will drop back down to 2000W continuous supply.



## 2.1A USB Charging port

To charge mobile phones or smaller electronic devices at the same time as using the main power supply from the inverter.



## Low battery alarm at 10V and low battery shutdown at 9.5V

Low battery alarm to alert operators to the fact that their vehicle battery is being drained and should stop using the inverter. When a vehicle's battery drops below 9.5V the inverter will switch off to preserve the vehicle battery to allow the vehicle to restart.



## High-quality inverters for off-grid power needs

OSRAM POWERinvert PRO is an extensive range of professional heavy duty inverters for remote working. Available in either Pure Sine Wave or Modified Sine Wave for both 12V and 24V applications. OSRAM POWERinvert Pro inverters take the 12V or 24V DC vehicle electrical supply and invert into 230V AC mains power to run and operate electrical equipment from service vehicles. Pure Sine Wave Inverters produce a sine wave with the same frequency as mains power, with no distortion, to power sensitive electronics. Modified Inverters have distorted frequency, meaning they will power less complicated products such as fridges and power tools.

Technical data

Product information

Number Of Phases	Single
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Electrical data

Input voltage range	(24V NOM) 19 V - 33 V
Peak Amps	196
Continuous Power Rating (up to 12 hours)	2000 W
Output voltage	200 - 240 Vrms
No Load Current	1.5 A
Peak Power Rating (up to 200ms)	2 * rated power for 0.2s
Input Current	98 A

Dimensions & weight



Height	120.0 mm
Input Cable Gauge / Length	600mm

Lifespan

Guarantee	2 years
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Additional product data

Battery Connection	Terminal Nut & Bolt
Operating Temperature	-25 +45 °C
Efficient at 75% load	90 %
Low Battery Alarm	Yes
Low Battery Shutdown	Yes
Outpur Waveform	Pure Sine
Output Frequency	50 or 60 Hz

Product datasheet

Power Saving Mode	Yes
Power Saving Mode Current	< 0.2 A

Programmable features

Thermal Protection	Yes
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Certificates & standards

Standards	CE / E- Mark
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	07-03-2024
Primary Article Identifier	4052899631090
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	bab0014d-16f0-411c-8bb3-7ada809cc22e

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899631090	Pure Sine Wave Inverter 24V DC 2000W	Folding carton box 1	546 mm x 283 mm x 154 mm	23.80 dm <sup>3</sup>	6460.00 g
4062172322300	Pure Sine Wave Inverter 24V DC 2000W	Shipping carton box 1	555 mm x 309 mm x 179 mm	30.70 dm <sup>3</sup>	7040.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

**Safety advice**

Tested and certified to the relevant EMC and LVD Directives.

**Legal advice**

CE Approved

**Application advice**

For more detailed application information and graphics please see product datasheet.

**Disclaimer**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

