

## 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.

## Product family datasheet

### Technical data

| Product description                  | Product information | Electrical data |  |           |
|--------------------------------------|---------------------|-----------------|--|-----------|
|                                      | Number Of Phases    | Output voltage  | Continuous Power Rating (up to 12 hours) | Peak Amps |
| Pure Sine Wave Inverter 24V DC 2000W | Single              | 200 - 240 Vrms  | 2000 W                                   | 196       |

| Product description                  | Peak Power Rating (up to 200ms) | No Load Current | Input Current | Input voltage range   |
|--------------------------------------|---------------------------------|-----------------|---------------|-----------------------|
| Pure Sine Wave Inverter 24V DC 2000W | 2 * rated power for 0.2s        | 1.5 A           | 98 A          | (24V NOM) 19 V - 33 V |

| Product description                  | Dimensions & weight        |          | Lifespan  | Programmable features | Certificates & standards |
|--------------------------------------|----------------------------|----------|-----------|-----------------------|--------------------------|
|                                      | Input Cable Gauge / Length | Height   | Guarantee | Thermal Protection    | Standards                |
| Pure Sine Wave Inverter 24V DC 2000W | 600mm                      | 120.0 mm | 2 years   | Yes                   | CE / E- Mark             |

| Product description                  | Environmental information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                            |                            |                        |
|--------------------------------------|--|----------------------------|----------------------------|------------------------|
|                                      | Date of Declaration  | Primary Article Identifier | Candidate List Substance 1 | CAS No. of substance 1 |
| Pure Sine Wave Inverter 24V DC 2000W | 07-03-2024   | 4052899631090              | Lead                       | 7439-92-1              |

| Product description                  | Safe Use Instruction   | Declaration No. in SCIP database     |
|--------------------------------------|--|--------------------------------------|
| Pure Sine Wave Inverter 24V DC 2000W | The identification of the Candidate List substance is sufficient to allow safe use of the article. | bab0014d-16f0-411c-8bb3-7ada809cc22e |

## Product family datasheet

### **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.