

# Modified Sine Wave Inverter 12V DC 1000W



### 12V compatibility producing 230V AC with 1000W of power

Will work with all 12V vehicles to produce 230V main power with 1000W of power for remote working



### 2000W peak power rating

To handle large power loads when initially starting an electrical device. Will drop back down to 1000W 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 10.5V and low battery shutdown at 10.0V

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 10V 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	Input voltage range	Peak Amps	Continuous Power Rating (up to 12 hours)
Modified Sine Wave Inverter 12V DC 1000W	Single	(12V NOM) 10 V - 16 V	196	1000 W

Product description	Output voltage	No Load Current	Input Current	Dimensions & weight
				Input Cable Gauge / Length
Modified Sine Wave Inverter 12V DC 1000W	200 - 240 Vrms	< 0.7 A	98 A	600mm

Product description	Lifetime Data	Programmable features	Certificates & standards	Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
	Guarantee	Thermal Protection	Standards	Date of declaration
Modified Sine Wave Inverter 12V DC 1000W	2 years	Yes	CE	16-08-2024


Product description	Primary article identifier	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
Modified Sine Wave Inverter 12V DC 1000W	4052899631076	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product description	Declaration no. in SCIP database
Modified Sine Wave Inverter 12V DC 1000W	e69976c7-1c19-4971-aaba-7017a3b86bec

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### Download Data

File	
	User instruction POWERinvert PRO Modified Sine Wave Inverter

#### 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.