



# Professional Automotive Care & Equipment

Workshop-approved quality

Insist on OSRAM

**OSRAM**

# Be business ready Whatever comes your way

Quality service starts with setting high standards, for the work you do to the equipment you use. Our business ready range of professional automotive care & equipment products is engineered to withstand the intense demands of a busy workshop environment, so you're always equipped to tackle any task.



### OSRAM-quality guaranteed

All OSRAM products are extensively stress tested by our quality assurance system. For information concerning guarantees, visit [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee) or scan the QR code.

1

### Inspection lights

The LEDinspect® PRO range includes a variety of handheld, wearable, and mounted LED inspection lights.



2

### Battery care

With a range of BATTERYcharge PRO, BATTERYtest PRO, and BATTERYstart PRO products to choose from, all your battery needs are taken care of.



3

### Power inverters

Stay powered up on the road with our pure and modified sine wave inverters.

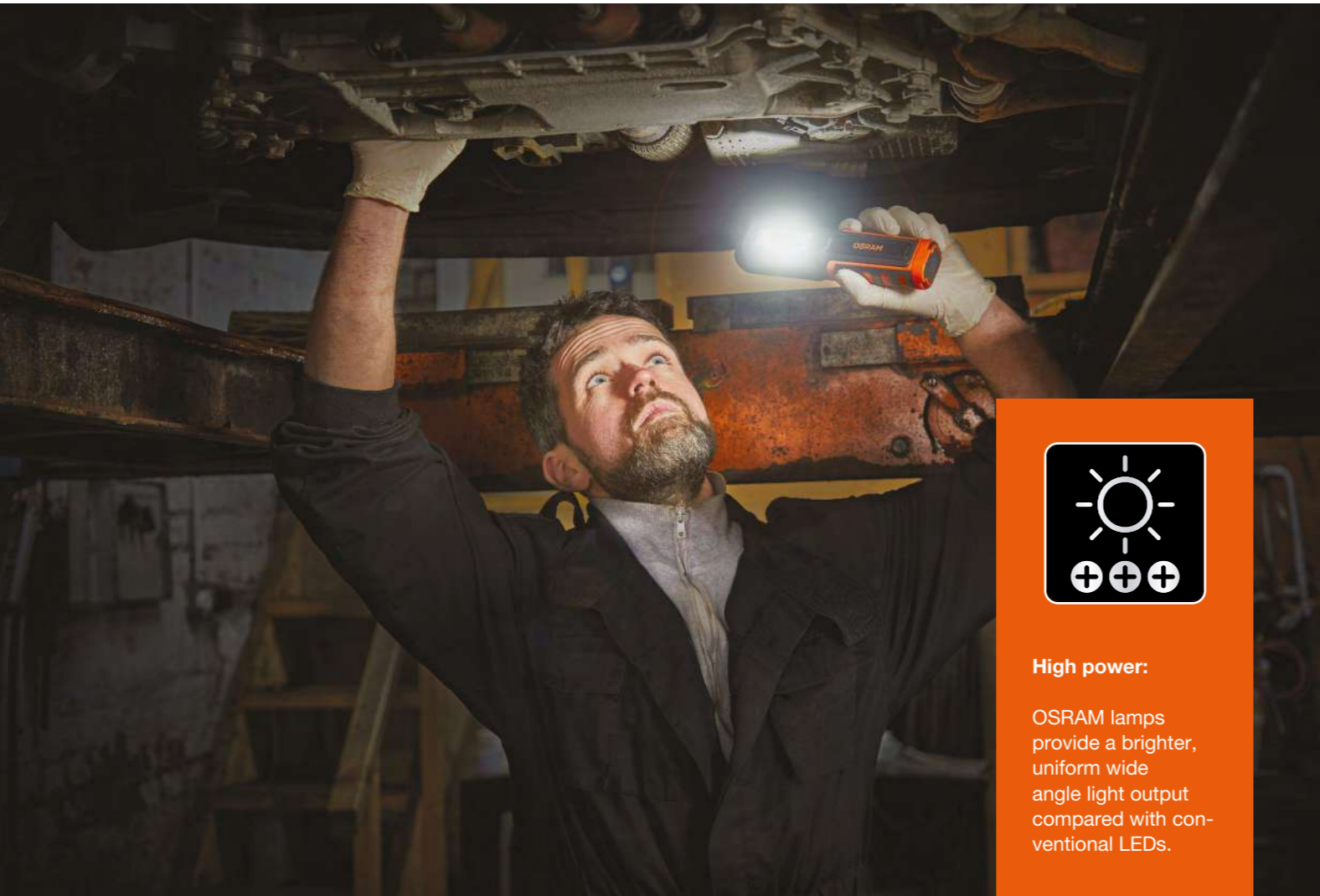


4

### Warning and safety lights

Be ready for any roadside repair with the LEDguardian® warning and safety light range.





**High power:**

OSRAM lamps provide a brighter, uniform wide angle light output compared with conventional LEDs.

# 1 Inspection lights

Essential for professional work

LEDinspect® PRO inspection lights are purpose-built for repairs and routine maintenance in workshops and service centers. Available in a variety of sizes and styles, from handheld and wearable to magnetic and hook-mounted lights, the range offers innovative solutions for every application. High-performance, long-lasting LEDs produce powerful cool-white light. And our ergonomic designs ensure light is delivered precisely where it's needed, illuminating the darkest corners and hard-to-reach areas.



**Shock resistant:**

IK09 is the maximum classification for protection provided by enclosures for electrical equipment against external impacts.



**Multi-Positioning:**

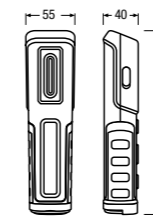
Allows you to easily direct light output exactly where you need it.



**Hands-free:**

Position light perfectly and easily using magnets, clips and hooks.

## LEDinspect® WIRE-FREE PRO 600



LEDIL421

A bright inspection light with the possibility to simplify recharging via a magnetic charging pad.

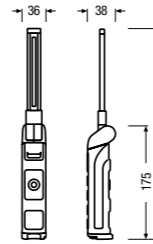
**Features**

- Brightness: up to 600 lm (high), 100 lm (torch)
- Cool-white colour (up to 5 700 K)
- Multi-angle positioning: 180° flex
- Magnetic base, back and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP65, IK08

**Benefits**

- Battery charge status indicator, USB-C cable included
- Battery life: up to 10 h on torch, 3 h on high, 2 h charging time
- Magnetic "Wire-Free" charging via charging pad
- 2-year guarantee<sup>1)</sup>

## LEDinspect® WIRE-FREE SLIM 600



LEDIL422

A bright inspection light with the possibility to simplify recharging via a magnetic charging pad.

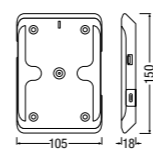
**Features**

- Brightness: up to 600 lm (high), 100 lm (torch)
- Cool-white colour (up to 5 700 K)
- Multi-angle positioning: 180° flex and 270° twist
- Magnetic base, back and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP65, IK08

**Benefits**

- Battery charge status indicator, USB-C cable included
- Battery life: up to 10 h on torch, 3 h on high, 2 h charging time
- Magnetic "Wire-Free" charging via charging pad
- 2-year guarantee<sup>1)</sup>

## LEDinspect® SINGLE CHARGE PAD



LEDIL423

A magnetic charging pad with one charge point to effortlessly charge one individual inspection light.

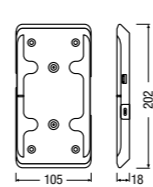
**Features**

- Wire-Free charging capability
- "Daisy Chain" function
- Different mounting options
- Powerful magnets
- One charging point to charge one product on a single base

**Benefits**

- Positive direct wire-free connection for charging
- Can link to another pad (single or duo) to charge more lamps
- Can attach to a wall or metal surface
- Can easily support inspection lamp on metal surface
- 2-year guarantee<sup>1)</sup>

## LEDinspect® DUAL CHARGE PAD



LEDIL424

A magnetic charging pad with two charge points to effortlessly charge two individual inspection lights.

**Features**

- Wire-Free charging capability
- "Daisy Chain" function
- Different mounting options
- Powerful magnets
- Two charging points to charge two products on a single base

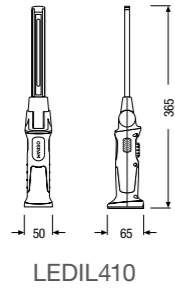
**Benefits**

- Positive direct wire-free connection for charging
- Can link to another pad (single or duo) to charge more lamps
- Can attach to a wall or metal surface
- Can easily support inspection lamp on metal surface
- 2-year guarantee<sup>1)</sup>

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDinspect® SLIM MAX 1000

This versatile, rechargeable work light with an integrated dimmer allows you to adjust the brightness level to your liking.



LEDIL410

#### Features

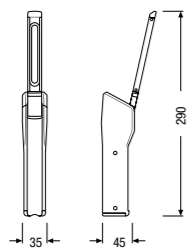
- Brightness: up to 1000 lm (high), 100 lm (low), 100 lm (torch)
- Cool-white colour (up to 6 000 K)
- Multi-angle positioning: 120° flexibility
- Magnetic base, back and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP65, IK06

#### Benefits

- USB-C charging and charge status indicator
- Battery life: up to 10.5 h on low, 1.5 h on high
- 2-year guarantee<sup>1)</sup>

### LEDinspect® SLIM 500

An ultra-flat, rechargeable folding light with three settings (high, low, and flashlight) and a non-slip, dirt-repellent surface.



LEDIL403

#### Features

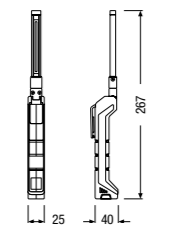
- Brightness: up to 500 lm (high), 250 lm (low), 70 lm (torch)
- Cool-white colour (up to 6 000 K)
- Multi-angle positioning: 180° flex and 270° twist
- Magnetic base and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP54, IK07

#### Benefits

- USB-C charging and charge status indicator
- Battery life: up to 6 h on low, 3.5 h on high
- 2-year guarantee<sup>1)</sup>

### LEDinspect® POCKET 200

A slim and lightweight rechargeable light with foldable design for working in confined and hard-to-reach spaces.



LEDIL408

#### Features

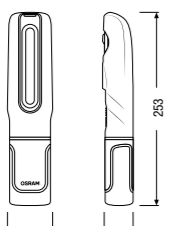
- Brightness: up to 200 lm (high), 80 lm (low), 40 lm (torch)
- Cool-white colour (up to 6 500 K)
- Multi-angle positioning: 180° flex and 360° twist
- Magnetic base
- Dust, water, and shock resistant
- Protection classes: IP20, IK07

#### Benefits

- USB-C charging and charge status indicator
- Battery life: up to 3 h on low, 1.5 h on high
- 2-year guarantee<sup>1)</sup>

### LEDinspect® MAX 500

A rechargeable light with two standard LED light settings as well as a UV torchlight setting for leak detection.



LEDIL402

#### Features

- Brightness: up to 500 lm (high), 250 lm (low)
- Cool-white colour (up to 6 000 K)
- Multi-angle positioning: 180° flex and 360° twist
- Magnetic base and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP65, IK08

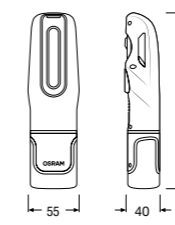
#### Benefits

- USB-C charging and charge status indicator
- Battery life: up to 7.5 h on low, 4.5 h on high
- UV-light function (1 LED + 1 UV LED)
- 2-year guarantee<sup>1)</sup>

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDinspect® MINI 250

A rechargeable light with three settings (high, low, and flashlight) and a non-slip, dirt-repellent surface.



LEDIL401

#### Features

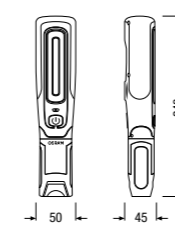
- Brightness: up to 250 lm (high), 130 lm (low), 70 lm (torch)
- Cool-white colour (up to 6 000 K)
- Multi-angle positioning: 180° flex
- Magnetic base and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP65, IK06

#### Benefits

- USB-C charging and charge status indicator
- Battery life: up to 6 h on low, 3 h on high
- 2-year guarantee<sup>1)</sup>

### LEDinspect® TWIST 250

A lightweight and robust light with three output levels and twist function for full control over the direction of the light beam.



LEDIL412

#### Features

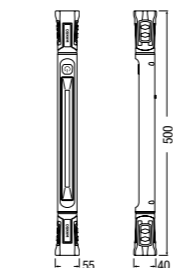
- Brightness: up to 250 lm (high), 125 lm (low), 80 lm (torch)
- Cool-white colour (up to 6 000 K)
- Multi-angle positioning: 120° flex and 360° twist
- Magnetic base, back and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP20, IK09

#### Benefits

- Charging plug and cable included
- Battery life: up to 4 h on low, 3 h on high
- 2-year guarantee<sup>1)</sup>

### LEDinspect® UTILITY 1000

A multi-functional inspection light with varying output levels suitable for handheld, flood light, or underbonnet applications.



LEDIL407

#### Features

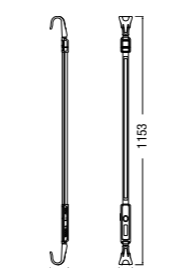
- Brightness: up to 1000 lm (high), 400 lm (low)
- Cool-white colour (up to 6 500 K)
- Multi-angle positioning: 180° flex and 360° twist
- Magnetic base, back and hanging hook
- Dust, water, and shock resistant
- Protection classes: IP20, IK07

#### Benefits

- 2 x charging plugs and charge status indicator
- Battery life: up to 5.5 h on low, 2.5 h on high
- 2-year guarantee<sup>1)</sup>

### LEDinspect® RECHARGEABLE UNDERBONNET LIGHT

An engine compartment light with rotating light bar, extendable mounting rod with soft padded feet, and lightweight design to avoid damage to vehicles.



LEDIL415

#### Features

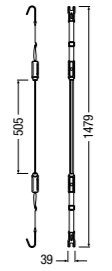
- Brightness: up to 1200 lm (high), 600 lm (low)
- Cool-white colour (up to 6 500 K)
- Multi-angle positioning: 360° lightbar rotation
- Extendable up to 1.8 m
- Dust, water, and shock resistant
- Protection classes: IP65, IK07

#### Benefits

- USB-C charging and charge status indicator
- Battery life: up to 4.5 h on low, 2 h on high
- 2-year guarantee<sup>1)</sup>

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDinspect® FLEXIBLE INSPECTION LIGHT



LEDIL416

A versatile inspection light, directing the light where needed. The light strip is fully flexible, allowing the light to bend around the workspace.

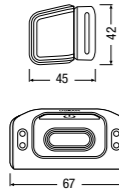
#### Features

- Brightness: up to 1000 lm (high), 400 lm (low) plus a red light option
- Multi-angle positioning: 160° twist
- Removable elasticated straps with hooks – extendable length up to 2.1 m
- Magnets offer more fixing options
- Dust, water, and shock resistant
- Protection classes: IP52, IK07

#### Benefits

- USB-C cable included
- Battery life: up to 20 h on low, 6.5 h on medium, 3 h high
- Flexible design
- 2-year guarantee<sup>1)</sup>

### LEDinspect® HEADTORCH 250



LEDIL404

A high-quality head lamp with two output levels, motion sensor, and adjustable strap with soft padding for optimal comfort.

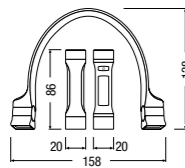
#### Features

- Brightness: up to 250 lm (high), 140 lm (low)
- Cool-white colour (up to 5 700 K)
- Multi-angle positioning: 60° flex
- Dust, water, and shock resistant
- Protection classes: IP54, IK08

#### Benefits

- USB-C charging
- Battery life: up to 6 h on low, 3.5 h on high
- Integrated motion sensor technology
- 2-year guarantee<sup>1)</sup>

### LEDinspect® WEARABLE NECK LIGHT



LEDIL413

A rechargeable neck light with two detachable torches, two light settings, and built-in magnet allows for convenient hands-free working.

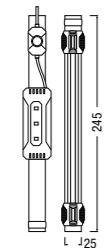
#### Features

- Brightness: up to 265 lm (high), 130 lm (low)
- Cool-white colour (up to 6 500 K)
- Multi-angle positioning: 90° flex
- Built-in magnet for off-person mounting
- Dust, water, and shock resistant
- Protection classes: IP54, IK07

#### Benefits

- 2 x USB Micro B charging ports
- Battery life: up to 4.5 h on low, 3 h on high
- Separately powered torches with power button on each
- 2-year guarantee<sup>1)</sup>

### LEDinspect® FLEXIBLE HEAD TORCH



LEDIL414

A head lamp with two light levels, flashing red rear LED warning light for safety, and flexible, foldable design for easy storage and transport.

#### Features

- Brightness: up to 115 lm (high), 50 lm (low) and flashing
- Cool-white colour (up to 6 000 K)
- Flexible and foldable
- Rear red warning light
- Dust, water, and shock resistant
- Protection classes: IP42, IK07

#### Benefits

- USB Micro B charging
- Battery life: up to 5.5 h on low, 4.5 h on high
- 2-year guarantee<sup>1)</sup>

### LEDinspect®

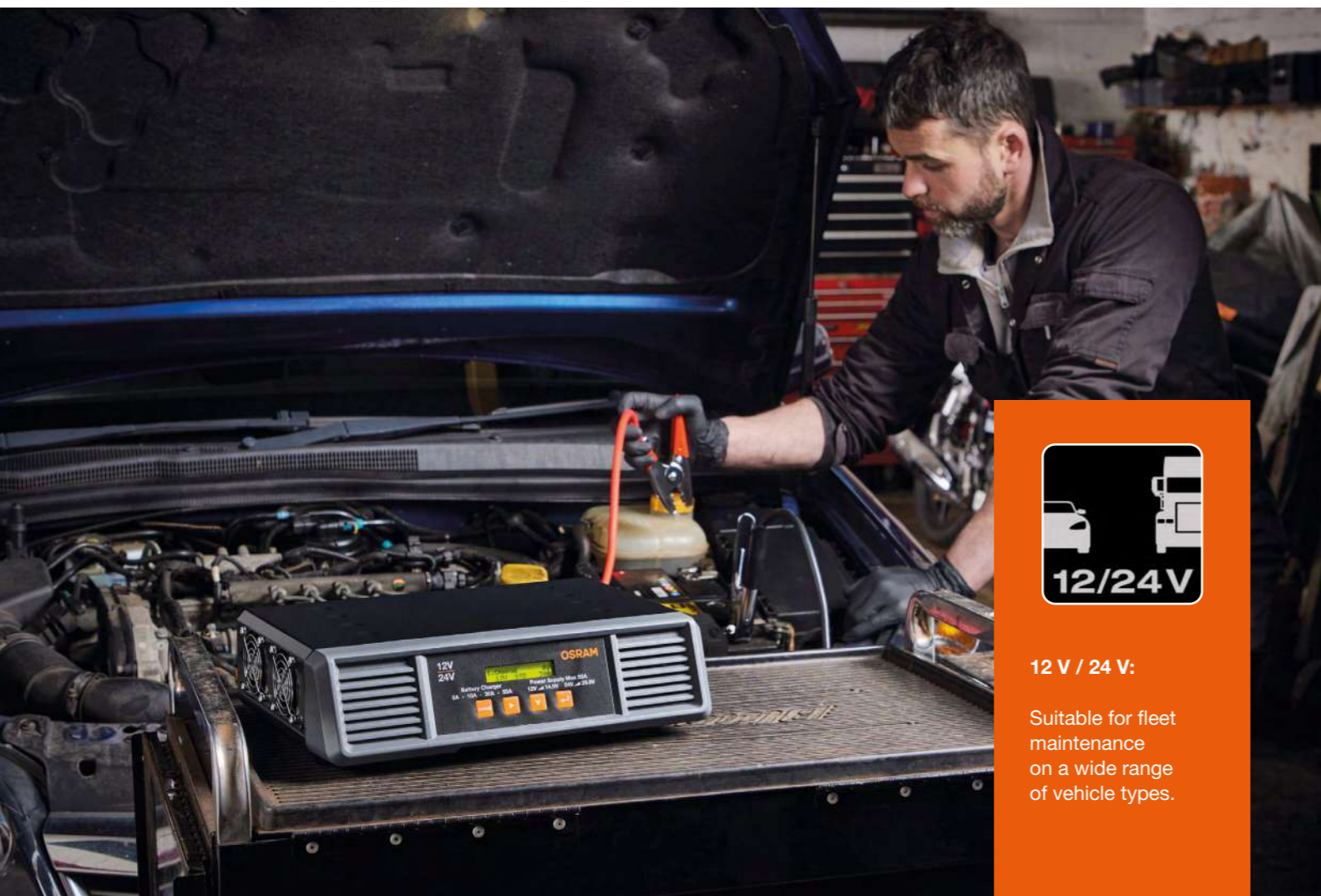
#### range



Name	LEDinspect® WIRE-FREE PRO 600	LEDinspect® WIRE-FREE SLIM 600	LEDinspect® SINGLE CHARGE PAD	LEDinspect® DUAL CHARGE PAD
Product number	LEDIL421	LEDIL422	LEDIL423	LEDIL424
EAN	4062172393126	4062172393140	4062172393164	4062172393188
No. of LED	1+1	1+1	N/A	N/A
Max lumen output (lm)	600	600	N/A	N/A
Min lumen output (lm)	N/A	N/A	N/A	N/A
Torch lumen output (lm)	100	100	N/A	N/A
Power supply	Magnetic Charge Pad, USB-C	Magnetic Charge Pad, USB-C	Magnetic Charge Pad, USB-C	Magnetic Charge Pad, USB-C
Operating time on max level (h)	Up to 3	Up to 3	N/A	N/A
Max operating time (h)	Up to 10	Up to 10	N/A	N/A
Charging time (h)	ca. 2.5	ca. 2.5	N/A	N/A
Dimming	No	No	N/A	N/A
IP rating	65	65	20	20
IK rating	08	08	08	08
Foldable	No	Yes	N/A	N/A
Adjustability	180° flex	180° flex 270° twist	N/A	N/A
Rechargeable	Yes	Yes	No	No
Charging equipment included	Lead	Lead	Lead	Lead
Product weight (g)	300	240	190	270
Battery type	Lithium	Lithium	N/A	N/A
Kelvin (K)	5700	5700	N/A	N/A

1) For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

LEDinspect® range												
Name	LEDinspect® SLIM MAX 1000	LEDinspect® SLIM 500	LEDinspect® POCKET 200	LEDinspect® MAX 500	LEDinspect® MINI 250	LEDinspect® TWIST 250	LEDinspect® UTILITY 1000	LEDinspect® RECHARGEABLE UNDERBONNET LIGHT	LEDinspect® FLEXIBLE INSPECTION LIGHT	LEDinspect® HEADTORCH 250	LEDinspect® WEARABLE NECK LIGHT	LEDinspect® FLEXIBLE HEAD TORCH
Product number	LEDIL410	LEDIL403	LEDIL408	LEDIL402	LEDIL401	LEDIL412	LEDIL407	LEDIL415	LEDIL416	LEDIL404	LEDIL413	LEDIL414
EAN	4062172355674	4052899623842	4052899623897	4052899623835	4052899623828	4052899623934	4062172338356	4052899631021	4062172405959	4062172354875	4052899630987	4052899630994
No. of LED	1+1	1+1	1+1	1+1 UV	1+1	1+1	1	32	1	1	1+1	1
Max lumen output (lm)	1000	500	200	500	250	250	1000	1200	1000	250	265	115
Min lumen output (lm)	100	250	80	250	130	125	400	600	100	140	130	50
Torch lumen output (lm)	100	70	40	N/A	70	80	N/A	N/A	N/A	N/A	Yes	Yes
Power supply	USB-C	USB-C	USB-C	USB-C	USB-C	DC Barrel Jack	USB-C	USB-C	USB-C	USB-C	USB Micro B	USB-C
Operating time on max level (h)	Up to 1.5	Up to 3.5	Up to 1.5	Up to 4.5	Up to 3	Up to 3	Up to 2.5	Up to 2	Up to 3	Up to 3.5	Up to 3	Up to 4.5
Max operating time (h)	Up to 10.5	Up to 6	Up to 3	Up to 7.5	Up to 6	Up to 4	Up to 5.5	Up to 4.5	Up to 20	Up to 6	Up to 4.5	Up to 5.5
Charging time (h)	ca. 3.5	ca. 3.5	ca. 2	ca. 5.5	ca. 3.5	ca. 4.5	ca. 5	ca. 3	ca. 7	ca. 3.5	ca. 1.5	ca. 1.5
Dimming	Yes	No	No	No	No	No	No	No	No	No	No	No
IP rating	65	54	20	65	65	20	20	65	52	54	54	42
IK rating	06	07	07	08	07	09	07	07	07	08	07	N/A
Foldable	No	Yes	Yes	No	No	No	No	No	Flexible	No	Yes	No
Adjustability	120° flex	180° flex 270° twist	180° flex 360° twist	180° flex 360° twist	180° flex	120° flex 360° twist	180° flex 360° twist	360° twist	160° twist on each handle	60° flex	90° flex	N/A
Rechargeable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Charging equipment included	No	Yes	Cable included	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Product weight (g)	308	155	120	350	215	488	588	840	259	105	115	62
Battery type	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
Kelvin (K)	6000	6000	6500	6000	6000	6000	6500	6500	6200-6500	5700	6500	6000




**12 V / 24 V:**

Suitable for fleet maintenance on a wide range of vehicle types.

## 2 Battery care

### Quality chargers, testers, and starters

Battery testing and charging are a core part of any automotive workshop's service offering. Given the advanced electronic systems in modern cars, you need high-quality chargers and sophisticated diagnostic equipment that you can rely on. Our BATTERYcharge PRO, BATTERYtest PRO, and BATTERYstart PRO products cover a wide range of battery care and maintenance applications, for both 12 V and 24 V vehicles.



**Rapid recharge:**  
A battery charging mode that reaches full charge in a few minutes.



**Workshop-approved:**  
Specially developed to withstand demanding day-to-day work.



**Versatile:**  
Suitable for a wide range of battery types, including lithium, as well as for batteries in electric and hybrid vehicles.

## BATTERYcharge PRO

### Made by professionals – for professionals

All BATTERYcharge PRO products are designed for intensive, long-term use in workshops and professional settings.

Suitable for 12 V and 24 V vehicles such as motorbikes, cars, vans, and trucks, they adapt to versatile requirements. Ideal for maintaining various vehicles or fleets in professional workshops. Depending on the model, products provide varying charging currents, up to 100 A.

They are suitable for lead-acid and lithium batteries, as well as batteries in vehicles with Start/Stop systems. Additionally, an integrated testing function allows for battery and alternator diagnosis.



## BATTERYstart PRO

### Your Go-To Emergency Solution

Our BATTERYstart PRO 1000 is lightweight and portable and offers fast jump-starting for various vehicles, including all gasoline engines and diesel engines up to 10 l. The rapid charging feature allows recharging via a PD60W charger or USB Type-C connector. Safety is paramount with built-in protocols that protect against reverse polarity, over-voltage, under-voltage, and excessive temperature.

The BATTERYstart PRO 1000 retains its charge over extended periods and can be conveniently charged in the vehicle. It includes emergency lighting with warning lights and an SOS signal.

## BATTERYtest PRO

### Electrical fault detection made easy

Electrical systems on vehicles have become ever more sophisticated. OSRAMs BATTERYtest PRO 600 is a multi-function automotive tester and designed specifically for finding electrical vehicle faults. Compatible with 6 V, 12 V, 24 V vehicles and up to 50 V specialist vehicles, this professional workshop tool can help mechanics find electrical faults quickly and run a more efficient garage.

This multi-function unit will test and find faults with voltage, starter test and alternator start processes. It will also run frequency and duty cycles for the testing of sensors and continuity and resistance modes for locating wiring faults.



### BATTERYcharge PRO 30 A

A lightweight charger suitable for repairs and maintenance on 12 V and 24 V vehicles.

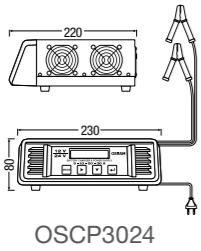


#### Features

- Battery support power supply function: 12-14.9 V @ 30 A and 24-28.9 V @ 30 A (incl. lead-acid, lithium, and Start/Stop batteries)
- Adjustable charging rate (5/10/20/30 A)
- Charge cycle: 7-stage (lithium), 9-stage (Lead Acid/Gel/AGM/Calcium/EFB)

#### Benefits

- Rapid recharge in minutes
- Pre-charge health test and battery and alternator diagnosis
- Slimline design with large LCD display, fixed clamps and power cord
- 2-year guarantee<sup>1)</sup>



OSCP3024

### BATTERYcharge PRO 50 A

A versatile and compact charger suitable for repairs and maintenance on 12 V and 24 V vehicles.

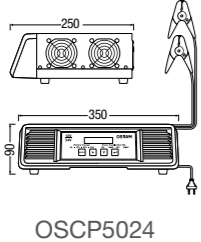


#### Features

- Battery support power supply function: 12-14.9 V 50 A and 24-28.9 V @ 50 A (incl. lead-acid, lithium, and Start/Stop batteries)
- Adjustable charging rate (5/10/30/50 A)
- Charge cycle: 7-stage (lithium), 9-stage (Lead Acid/Gel/AGM/Calcium/EFB)

#### Benefits

- Rapid recharge in minutes
- Pre-charge health test and battery and alternator diagnosis
- Large LCD display screen, removable insulated clamps
- 2-year guarantee<sup>1)</sup>



OSCP5024

### BATTERYcharge PRO 60 A

A high-performance charger with jump start function to revive flat batteries (540 A @ 12 V; 270 A @ 24 V), and handle and wheels for convenient portability.

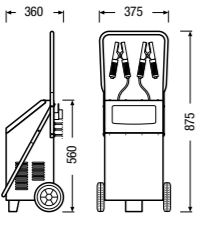


#### Features

- Variable charging currents (up to 60 A at 12 V and 30 A at 24 V)
- Adjustable charging rate (5/20/60 A for 12 V; 5/20/30 A for 24 V)
- Charge cycle: 7-stage (lithium), 9-stage (Lead Acid/Gel/AGM/Calcium/EFB)
- Suitable for lead-acid, lithium, and Start/Stop batteries

#### Benefits

- Rapid recharge in minutes
- Pre-charge health test and battery and alternator diagnosis
- Large LCD display screen, removable insulated clamps
- 2-year guarantee<sup>1)</sup>



OSCP60T

### BATTERYcharge PRO 100 A

A high-performance charger that is easy to transport and suitable for all types of 12 V and 24 V batteries.

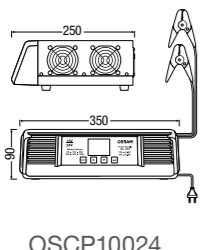


#### Features

- Battery support power supply function: 12-14.9 V 100 A and 24-28.9 V @ 100 A (incl. lead-acid, lithium, and Start/Stop batteries)
- Adjustable charging rate (5/10/30/50/60/100 A for 12 V & 24 V)
- Charge cycle: 7-stage (lithium), 9-stage (Lead Acid/Gel/AGM/Calcium/EFB batteries)

#### Benefits

- Rapid recharge in minutes
- Pre-charge health test and battery and alternator diagnosis
- Large LCD display screen, removable insulated clamps
- 2-year guarantee<sup>1)</sup>



OSCP10024

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### BATTERYtest PRO 600

A 3-in-1 automotive tester with multimeter, battery analyser and fuse test capability.

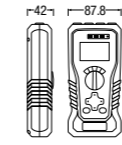


#### Features

- Multi-functional: battery, cranking and alternator testing
- Voltage, current, continuity and frequency testing
- Fuse testing using multi-function probes (supplied with the unit)
- Suitable for 12 V and 24 V vehicles

#### Benefits

- The supplied 1.2 m and 1.8 m test leads (3 m total) allow for testing from vehicle cab
- LED work light, hanging hook and stand
- Storage case
- 2-year guarantee<sup>1)</sup>



OMM600

### BATTERYstart PRO 1000

A compact and lightweight lithium jump starter for a wide range of vehicles.

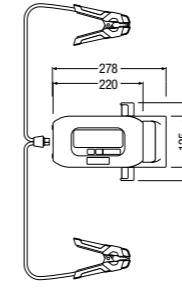


#### Features

- 1 000 A start current, 1 500 A peak current
- Built-in safety protocols (reverse polarity, battery over voltage, battery under voltage, under temperature)
- Suitable for 12 V vehicles with any-size petrol engines and up to 10 l diesel engines

#### Benefits

- Rapid recharging via PD60W charger or standard charging via USB-C
- Powerful LED light with SOS and warning modes
- 2-year guarantee<sup>1)</sup>



OEBSPL1000

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).



## BATTERYcharge PRO

range



Name	BATTERYcharge PRO 30A	BATTERYcharge PRO 50A	BATTERYcharge PRO 60A	BATTERYcharge PRO 100A
Product number	OSCP3024	OSCP5024	OSCP60T	OSCP10024
EAN	4052899629073	4052899629080	4052899629141	4052899629103
Weight (g)	2800	6500	18500	6900
Wattage (W)	980	1500	1200	3000
Voltage (V)	12/24	12/24	12/24	12/24
Variable charging rates (A)	5/10/20/30	5/10/30/50	5/20/60 <sup>1)</sup>	5/10/30/50/60/100 <sup>4)</sup> 5/10/30/50/60/80 <sup>5)</sup>
Continuous charge (up to) (A)	30	50	60 <sup>2)</sup> /30 <sup>3)</sup>	100
Max. battery capacity (Ah)	300	500	700	1000
Min. battery capacity (Ah)	14	14	14	14
Recommended to use with	Motorcycle, Car, 4x4, Commercial Vehicle, Boat	Motorcycle, Car, 4x4, Commercial Vehicle, Boat	Motorcycle, Car, 4x4, Commercial Vehicle, Boat	Motorcycle, Car, 4x4, Commercial Vehicle, Boat
Auto-stop function	Yes	Yes	Yes	Yes
Stages: Lithium	8	7	7	7
Stages: Lead acid/Gel/AGM/Calcium/EFB	9	9	3	9

1) Variable charging rates at 24 V. 2) Continuous charge at 12 V. 3) Continuous charge at 24 V. 4) Variable charging rates at 12/24 V. 5) Variable charging rates at 12 V.

## BATTERYtest PRO



Name	BATTERYtest PRO 600
Product number	OMM600
EAN	4052899631489
Test voltage (V)	6/12/24
Voltage range (V)	±2% DC 0 - 50
Current (parallel)	0-80 A ±3%, 3 A-30 A (Mini fuse), 3 A-40 A (Standard ATC fuse), 20 A-80 A (Maxi fuse)
Current (in-line)	1-999 mA ±1% (Low range), 1-30 A ±2% (High range)
Resistance (Ω)	0-1 M ±2%
Frequency (Hz)	1 Hz - 20 kHz ±1 Hz
Continuity (Ω)	0-500
LED test	Input Volts: 3.5 V (Max.)
Clamps cable length (m)	3 (total)
Operating temperature (°C)	0-50
Battery type	3 x AAA (not included)
Battery connection	Crocodile Clamps
Recommended to use with	Motorcycle, Car, Truck, Van, Boat
Duty cycle	(Peak to Peak Volts @2.8 V ~ 15.0 V Max) 1 Hz to 1 KHz ±1%, 1 KHz to 10 KHz ±2%, 10 KHz to 20 KHz ±5%

## BATTERYstart PRO



Name	BATTERYstart PRO 1000
Product number	OESPL1000
EAN	4052899630918
12 V Power socket connection	Yes
USB sockets (2.1 A)	2
Recommended Petrol Engine size (up to)	All litres
Recommended Diesel Engine size (up to)	10 litres
Efficiency	Professional
Cranking amps (A)	1000
Peak amps (A)	1500
Charging type	USB-C
Battery type	LiCoO <sub>2</sub>
Battery capacity (Wh)	118.4
Charging time (h)	PD60 W ~1.5 USB ~4
Power bank function	Yes



**230 V AC:**  
OSRAM power inverters provide the standard mains connection for powering tools and equipment.

### 3 Power inverters

For all your off-grid needs

Roadside repairs and call outs are a regular occurrence. With a high-quality OSRAM power inverter on hand, you're always fully equipped to get the job done. Specially developed for automotive field work, our POWERinvert PRO range provides reliable 230 V AC power connection to power drills, laptops, and other essential electrical equipment. The range includes pure and modified sine wave inverters for 12 V and 24 V batteries, with power levels ranging from 600 W to 2 000 W.



**Safety:**  
All OSRAM power inverters are equipped with a residual-current device to protect against electric shock.



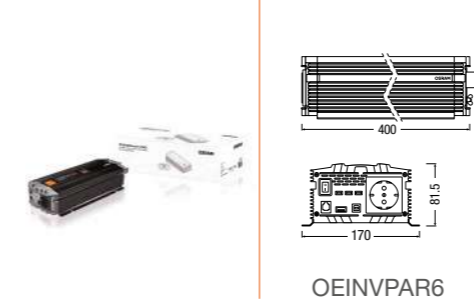
**Low battery alarm:**  
Alerts operators when the vehicle battery is running low on charge.



**Quality guaranteed:**  
All OSRAM inverters have a minimum guarantee period of 2-years.<sup>1)</sup>

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

#### POWERinvert PRO Pure sine wave inverter 12 V DC 600 W RCD



A heavy-duty 600 W power inverter with adjustable voltage output, suitable for most passenger vehicles and select campervans.

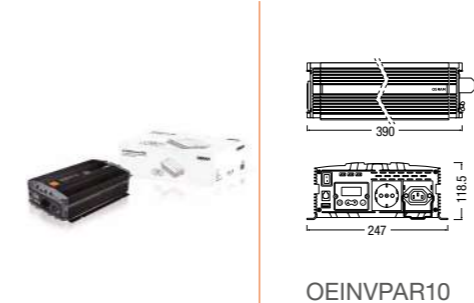
**Features**

- 600 W pure sine wave inverter for 12 V vehicles
- Converts into 230-volt AC mains power
- Surge power rating (up to 200 ms) 1 200 W
- Efficiency at 75% load: 90%

**Benefits**

- Adjustable output: 200/220/230/240 V +/- 10%
- Overload, overheating, and low/high voltage protection
- Up to 12 hours continuous use
- 2-year guarantee<sup>1)</sup>

#### POWERinvert PRO Pure sine wave inverter 12 V DC 1000 W RCD



A heavy-duty 1 000 W power inverter with adjustable voltage output, suitable for most passenger vehicles and select campervans.

**Features**

- 1 000 W pure sine wave inverter for 12 V vehicles
- Converts into 230-volt AC mains power
- Surge power rating (up to 200 ms) 2 000 W
- Efficiency at 75% load: 90%

**Benefits**

- Adjustable output: 200/220/230/240 V +/- 10%
- Overload, overheating, and low/high voltage protection
- Up to 12 hours continuous use
- 2-year guarantee<sup>1)</sup>

#### POWERinvert PRO Pure sine wave inverter 12 V DC 2000 W RCD



A heavy-duty 2 000 W power inverter with adjustable voltage output, suitable for most passenger vehicles and select campervans.

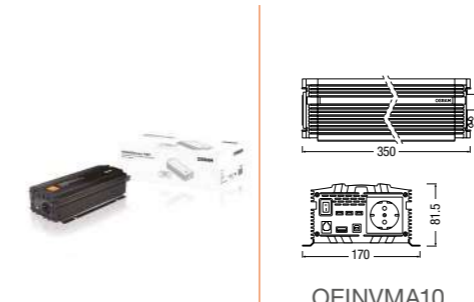
**Features**

- 2 000 W pure sine wave inverter for 12 V vehicles
- Converts into 230-volt AC mains power
- Surge power rating (up to 200 ms) 4 000 W
- Efficiency at 75% load: 90%

**Benefits**

- Adjustable output: 200/220/230/240 V +/- 10%
- Overload, overheating, and low/high voltage protection
- Up to 12 hours continuous use
- 2-year guarantee<sup>1)</sup>

#### POWERinvert PRO Modified sine wave inverter 12 V DC 1000 W



High-quality 1 000 W modified inverter with adjustable voltage output, for powering simple electronic devices and tools.

**Features**

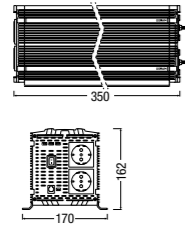
- 1 000 W modified sine wave inverter for 12 V vehicles
- Converts into 230-volt AC mains power
- Surge power rating (up to 200 ms) 2 000 W
- Efficiency at 75% load: 89%

**Benefits**

- Adjustable output: 230 V AC +/- 10%
- Overload, overheating, and low/high voltage protection
- Up to 12 hours continuous use
- 2-year guarantee<sup>1)</sup>

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### POWERinvert PRO Modified sine wave inverter 12 V DC 2000 W



OEINVMA20

A high-quality 2 000 W modified inverter with adjustable voltage output, for powering simple electronic devices and tools.

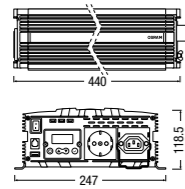
**Features**

- 2 000 W modified sine wave inverter for 12 V vehicles
- Converts into 230-volt AC mains power
- Surge power rating (up to 200 ms) 4 000 W
- Efficiency at 75% load: 89%

**Benefits**

- Adjustable output: 230 V AC +/- 10%
- Overload, overheating, and low/high voltage protection
- Up to 12 hours continuous use
- 2-year guarantee<sup>1)</sup>

### POWERinvert PRO Pure sine wave inverter 24 V DC 2000 W



OEINVPB20

A heavy-duty 2 000 W power inverter with adjustable voltage output, suitable for 24 V vehicles.

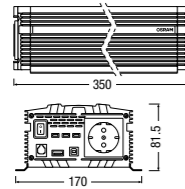
**Features**

- 2 000 W pure sine wave inverter for 24 V vehicles
- Converts into 230-volt AC mains power
- Surge power rating (up to 200 ms) 2 000 W
- Efficiency at 75% load: 90%

**Benefits**

- Adjustable output: 200/220/230/240 V +/- 10%
- Overload, overheating, and low/high voltage protection
- Up to 12 hours continuous use
- 2-year guarantee<sup>1)</sup>

### POWERinvert PRO Modified sine wave inverter 24 V DC 1000 W



OEINVMB10

A high-quality 1 000 W modified inverter with adjustable voltage output, for powering simple electronic devices and tools.

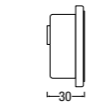
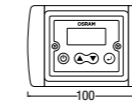
**Features**

- 1 000 W modified sine wave inverter for 24 V vehicles
- Converts into 230-volt AC mains power
- Surge power rating (up to 200 ms) 2 000 W
- Efficiency at 75% load: 89%

**Benefits**

- Adjustable output: 230 V AC +/- 10%
- Overload, overheating, and low/high voltage protection
- Up to 12 hours continuous use
- 2-year guarantee<sup>1)</sup>

### LCD remote screen



OINVLCD  
EAN: 4052899631113

An auxiliary display screen for OSRAM POWERinvert PRO inverters with 6 m cable allows for easy access to readings when the inverter is fixed out of sight.

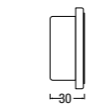
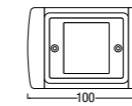
**Features**

- Multi-function LCD display and mounting kit (screen, frame, cable)
- Complete with fixing screws and endcaps
- Suitable for: OEINVPAR6 / OEINVMA10 / OEINVMA20

**Benefits**

- Complete with 6-meter cable
- 2-year guarantee<sup>1)</sup>

### LCD frame



OINVFRM  
EAN: 4052899631120

A protective frame that allows for fixed remote installation of the inverter's LCD screen.

**Features**

- Frame for mounting existing screen remotely
- Complete with fixing screws and endcaps
- Suitable for: OEINVPAR10 / OEINVPAR20

**Benefits**

- Complete with 6-meter cable
- 2-year guarantee<sup>1)</sup>

1) For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

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**POWERinvert PRO**

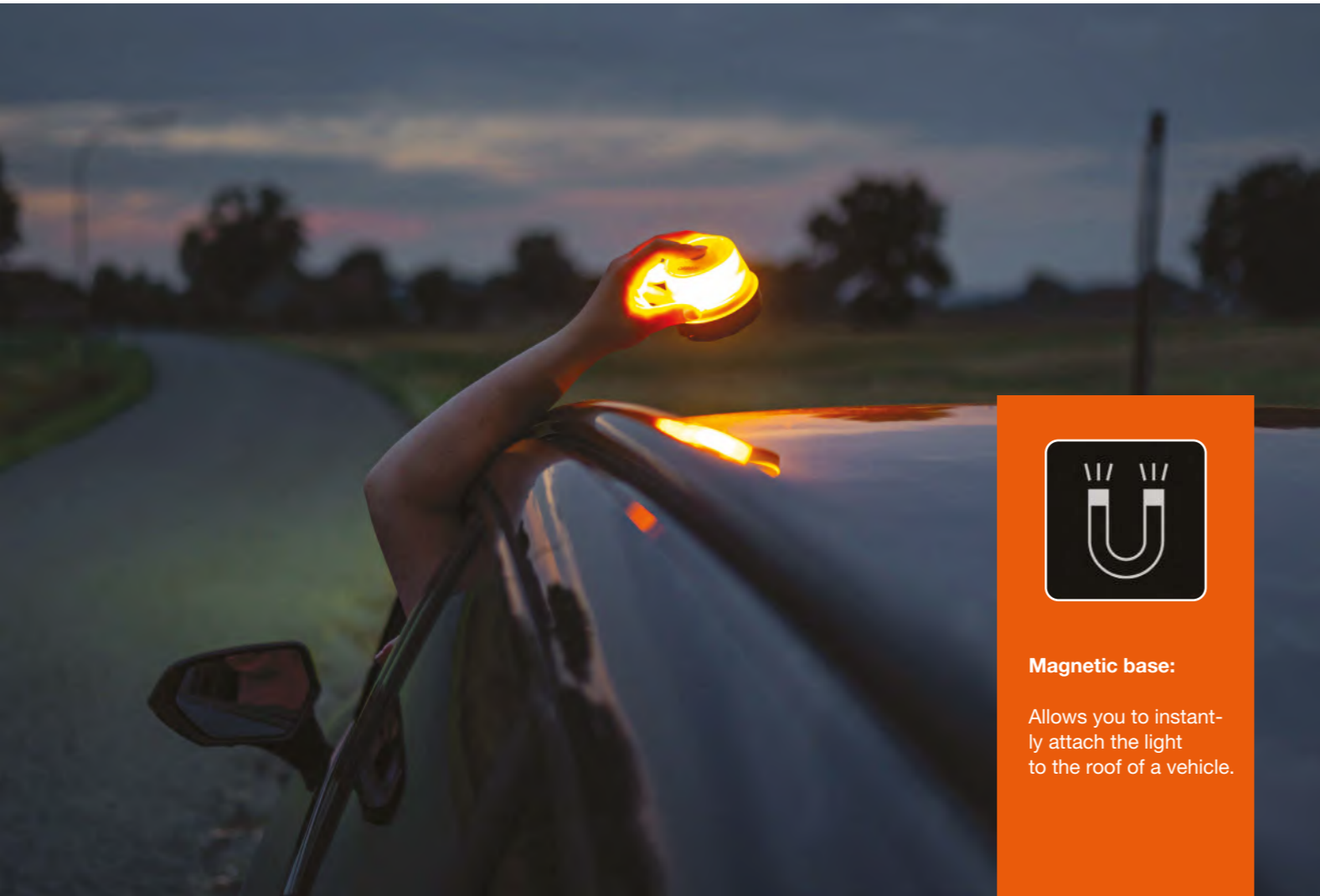
range



Name	POWERinvert PRO Pure sine 600 W RCD	POWERinvert PRO Pure sine 1000 W RCD	POWERinvert PRO Pure sine 2000 W RCD	POWERinvert PRO Modified 1000 W	POWERinvert PRO Modified 2000 W	POWERinvert PRO Pure sine wave inverter 24 V DC 2000 W	POWERinvert PRO Modified sine wave inverter 24 V DC 1000 W
Product number	<b>OEINVPAR6</b>	<b>OEINVPAR10</b>	<b>OEINVPAR20</b>	<b>OEINVMA10</b>	<b>OEINVMA20</b>	<b>OEINVPB20</b>	<b>OEINVMB10</b>
EAN	<b>4052899631045</b>	<b>4052899631052</b>	<b>4052899631069</b>	<b>4052899631076</b>	<b>4052899631083</b>	<b>4052899631090</b>	<b>4052899631106</b>
Voltage (V)	12	12	12	12	12	24	24
Cont. power rating (up to 12 hrs) (W)	600	1000	2000	1000	2000	2000	1000
Peak power rating (up to 200 ms) (V)	1200	2000	4000	2000	4000	4000	2000
Output voltage (V)	200/220/230/240 AC ± 10%	200/220/230/240 AC ± 10%	200/220/230/240 AC ± 10%	230 AC ± 10%	230 AC ± 10%	200/220/230/240 AC ± 10%	230 AC ± 10%
Output frequency (Hz)	50/60	50/60	50/60	50	50	50/60	50
Output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Modified sine wave	Modified sine wave	Pure sine wave	Modified sine wave
Input voltage range (V)	9.5-16.5 (12 V nom)	9.5-16.5 (12 V nom)	9.5-16.5 (12 V nom)	10.0-16.0 (12 V nom)	10.0-16.0 (12 V nom)	19.0 V-33.0 V (24 V nom)	20.0 V-32.0 V (24 V nom)
Max input current (A)	59	98	196	98	196	98	49
Efficiency @75% load	90%	90%	90%	89%	89%	90%	89%
No load current (A)	<1.5	<1.6	<2.0	<0.7	<0.8	<1.5	<0.45
Power saving mode	Yes	Yes	Yes	No	No	Yes	No
Power saving current (A)	>0.2	>0.2	>0.2	x	x	>0.2	x
Low battery alarm (V)	10.0-11.5 ± 0.5	10.0-11.5 ± 0.5	10.0-11.5 ± 0.5	10.5 ± 0.5	10.5 ± 0.5	20.0-23.0 ± 0.5	21.0 ± 0.5
Low battery shutdown (V)	9.5-11.0 ± 0.5	9.5-11.0 ± 0.5	9.5-11.0 ± 0.5	10.0 ± 0.5	10.0 ± 0.5	19.0-22.0 ± 0.5	20.0 ± 0.5
Thermal protection (Celsius)	60 ± 10°	60 ± 10°	60 ± 10°	60 ± 10°	60 ± 10°	60 ± 10°	60 ± 10°
LCD screen	No <sup>1)</sup>	Yes <sup>2)</sup>	Yes <sup>2)</sup>	No <sup>1)</sup>	No <sup>1)</sup>	Yes <sup>2)</sup>	No <sup>1)</sup>
Built in RCD	Yes	Yes	Yes	No	No	No	No
USB port (A)	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Display port panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Current sensor port	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Comms port	Yes	Yes	Yes	No	No	Yes	No

1) LCD remote screen OINVLCD separately available. 2) Mount existing screen remotely with frame OINVFRM.

1) LCD remote screen OINVLCD separately available. 2) Mount existing screen remotely with frame OINVFRM.



**Magnetic base:**

Allows you to instantly attach the light to the roof of a vehicle.

## 4 Warning and safety lights

For roadside repairs and emergencies

OSRAM LEDguardian® lights are a valuable tool for roadside repairs in low-visibility conditions. Their compact design and magnetic base allow for easy storage and fast installation, while powerful flashing LEDs alert other road users to your position in an emergency situation.



**IP- & IK-Protection classes:**

Tested and validated in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration.



**360° rotation:**

The flashing orange light rotates, improving visibility and enhancing safety.



**Guarantee:**

LEDguardian® warning and safety lights are backed by a 2-year guarantee.<sup>1)</sup>

<sup>1)</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

## Light is safety

Be prepared – with OSRAM LEDguardian® warning and safety lights. The 360° flashing orange warning light function of the OSRAM LEDguardian® warning lights are visible from a great distance and can provide crucial information about a dangerous situation in road traffic in an emergency.

With long-lasting high-power LEDs you can draw attention to yourself by day and night and preventively make other road users aware of a dangerous situation such as a broken-down vehicle in traffic.



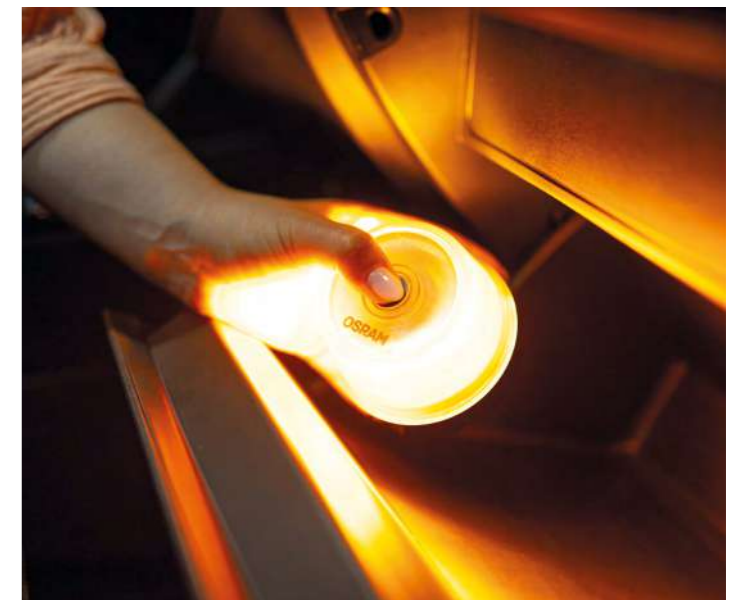
## See and be seen with OSRAM

In contrast to a warning triangle, it alerts other road users to an unusual situation on the road by actively flashing, compared to a simple reflection such as that of a warning triangle. That's why warning lights are the ideal LED accessory for drivers who want to be equipped for any serious situation.

## Always available when required

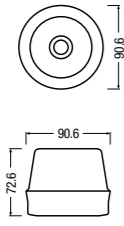
The compact design allows you to stow the warning light within easy reach in the car and, if required, it can be quickly and easily attached directly to the vehicle roof thanks to the magnetic function.

The LEDguardian® warning lights have been tested and validated in our DIN EN ISO/IEC 17025 certified environmental simulation laboratory for extreme external influences in terms of water, dust, heat, cold and impacts from falls. With the IP protection class IP54, the OSRAM LEDguardian lights are insensitive to water, dust and shocks.<sup>1)</sup>



<sup>1)</sup> Please observe any special requirements and laws in countries outside Germany regarding the use and operation of an additional warning light in road traffic.

### LEDguardian® ROAD FLARE Signal TA20



LEDSL104

A rechargeable amber warning light with 360° flashing and magnetic base.

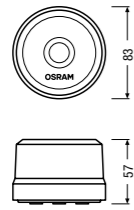
#### Features

- Officially approved for road use in Germany in accordance with § 53a section 3 TA20 StVZO<sup>1)</sup>
- Officially authorized by TÜV & KBA / TA20, CE, UKCA certification
- Up to 2 000 K
- 18 high-quality longlife LEDs
- 360° flashing amber warning light
- Protection class: IP54

#### Benefits

- Magnetic base for easy installation on roof
- Water, dust, and high wind resistance
- Rechargeable battery, runtime up to 15 h (USB-C cable included)
- Non-slip, dirt-repellent surface
- Small, compact, lightweight
- 2-year guarantee<sup>2)</sup>

### LEDguardian® ROAD FLARE Signal V16



LEDSL102

A battery-powered, long range amber warning light with 360° flashing, and magnetic base.

#### Features

- 140 lm light output and up to 1 000 m lightrange
- Up to 2 000 K
- 12 high-quality long-life LEDs
- 360° flashing amber V16 regulated warning light and CE certified
- Protection class: IP54

#### Benefits

- Due to the magnetic function the LED warning light can be conveniently attached to the car and other vehicles
- Water, dust, and high wind resistance
- Non-slip, stable standing feet
- Small, compact, lightweight
- 2-year guarantee<sup>2)</sup>

### LEDguardian®

range



Name

LEDguardian®  
ROAD FLARE Signal TA20

LEDguardian®  
ROAD FLARE Signal V16

Product number

LEDSL104

LEDSL102

EAN

4062172295840

4062172184359

Voltage (V)

3.7

9

Watts (W)

2.2

6

Max Lumen output (lm)

140

140

Colour

Amber

Amber

Kelvin (K)

2000

2000

1) Please observe any special requirements and laws in countries outside Germany regarding the use and operation of an additional warning light in road traffic.  
2) For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

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Distributor:

**OSRAM GmbH**

Head office:

Marcel-Breuer-Strasse 4  
80807 Munich, Germany  
Phone: +49 89 6213-0  
Fax: +49 89 6213-2020  
[www.osram.com](http://www.osram.com)

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