Product datasheet

TYREinflate 1600 ESSENTIAL



6 mins inflation time[2)3)]

Delivers fast and reliable tyre inflation in just 6 minutes, helping you get back on the road with minimal downtime perfect for daily use or roadside emergencies



LED light

Easy to operate even in darkness and in low light conditions



Cordless and rechargeable

Can be used with or without direct power supply



Compact and rechargable digital tyre inflator

The OSRAM TYREinflate 1600 ESSENTIAL is a compact, cordless digital tyre inflator designed to deliver quick, convenient, and accurate inflation wherever you are. Ideal for car owners, motorcyclists, and cyclists alike, this portable air compressor inflates a flat 13” tyre in less than six minutes[2)3)] making it the perfect solution for topping up tyres on the move or handling unexpected roadside emergencies. Its unique compact design is shorter and slimmer than previous models, allowing it to be stored easily in a vehicle, backpack, or pannier bag without taking up valuable space.

Featuring a large, clear digital screen, the TYREinflate 1600 ESSENTIAL displays real-time pressure updates in PSI, BAR, or kPa, and includes a live battery indicator for added control and confidence. The user interface is intuitive and simple to navigate, allowing you to adjust the target pressure, change units, select pre-set inflation modes, or activate the integrated LED light all at the touch of a button. The built-in bright white LED light makes it easy to operate in dark or low-light conditions, ideal for night-time breakdowns or early-morning journeys.

The unit is powered by a rechargeable internal battery and charges via USB-C, making it compatible with most modern devices and charging cables. With no need for a 12V socket or external power. The included 15cm detachable hose and soft storage bag keep everything tidy and portable, while the supplied three-piece adaptor kit means you're ready to inflate not only car tyres but also bike tyres, sports balls,

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and other inflatables with ease.
Compact, powerful, and versatile, the OSRAM TYREinflate 1600 ESSENTIAL is the ideal digital air compressor for those who want reliable performance, cordless convenience, and everyday practicality.

OSRAM offers a 2-year guarantee[1)] on this product.

1)For precise conditions please refer to: www.osram.com/am-guarantee
2)Based on inflating a 13” tyre from flat to 2.4 BAR
3) Measurements of the tyre pressure and inflation of the tyres to the optimum tyre pressure must always be conducted on cold tyres

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Technical data

Product information

Inflation time	6.0 min
Max Pressure	100psi / 7.0 bar
Air Hose Length	20 cm
LED Light	Yes
Measuring Units	PSI, kPa, bar
Auto stop	Yes
Accuracy (bar)	±0.1 bar
Flow rate (l/min)	0-35psi /2.4bar

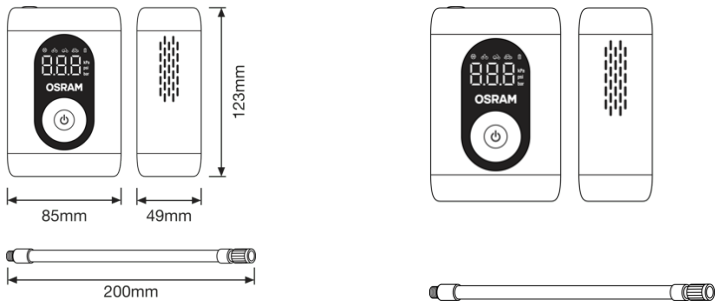
General Product Information

Global order reference	OTIR1600ESN

Electrical Data

Nominal wattage	74 W
Nominal voltage	7.4 V
Operating Voltage	7.4 V
Power Source	Rechargeable Battery (2x2000 mAh)

Physical Attributes & Dimensions



Length	85.0 mm
Width	49.0 mm
Height	123 mm

Operating Conditions

Noise Level (dB)	88 dB

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Lifetime Data

Guarantee	2 years

Additional product data

Display Type	Digital
Recommended to Use With	Car, Small Van, 4X4, Large Van, Trailer, Bicycles, Balls and inflatables

Capabilities

Accessories	Adaptors for: Balls, Air Mattress, Bikes
Fuse	-

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Declaration no. in SCIP database	In work

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172420778	TYRE inflate 1600 ESSENTIAL	Folding carton box 1	95 mm x 71 mm x 131 mm	0.88 dm^3	525.00 g
4062172420785	TYRE inflate 1600 ESSENTIAL	Shipping carton box 4	279 mm x 159 mm x 123 mm	5.46 dm^3	2238.00 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.

Download Data

	File
	User instruction TYREinflate 1600 ESSENTIAL TIR1600ESN

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

Disclaimer
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