



BOSCH

Invented for life

Driven by

PASSION



Experience quality

Bosch two-wheeler parts



100% passion for two-wheeler parts

100% fun to drive

Mastering winding roads and hairpin bends in the mountains, discovering hidden alleys in ancient Italian towns or experiencing pure freedom on the legendary Route 66. Unforgettable fun to drive that makes the heart of every biker beat a little faster.

To enjoy these thrills to the maximum, however, bikers need to be able to rely on each and every part of their bikes.



Two-wheeler parts from Bosch

The Bosch workshop and retail range includes high-quality spare parts covering a wide range of the common motorcycle brands, services and special training.



Global presence

More than 14,000 associates in 150 countries, together with an extensive dealer network, reliably ensure targeted workshop support and local availability of the Bosch spare parts range.



Innovative strength

Bosch has been manufacturing motorcycle ABS systems since 1995. This was followed in 2013 by the development of motorcycle stability control MSC the world's first comprehensive safety system for two-wheelers. In 2020, Bosch took motorcycle safety to a new level with radar-based assistance systems such as blind spot warning.



Expertise and know-how

Bosch knows the technical requirements of two-wheelers very well and offers innovative and reliable solutions within its aftermarket range.



Safe riding

Motorcycling is all about passion, dynamics and speed. Bosch provides

innovative solutions

for greater safety

– without compromising the fun of riding.



Did you know?

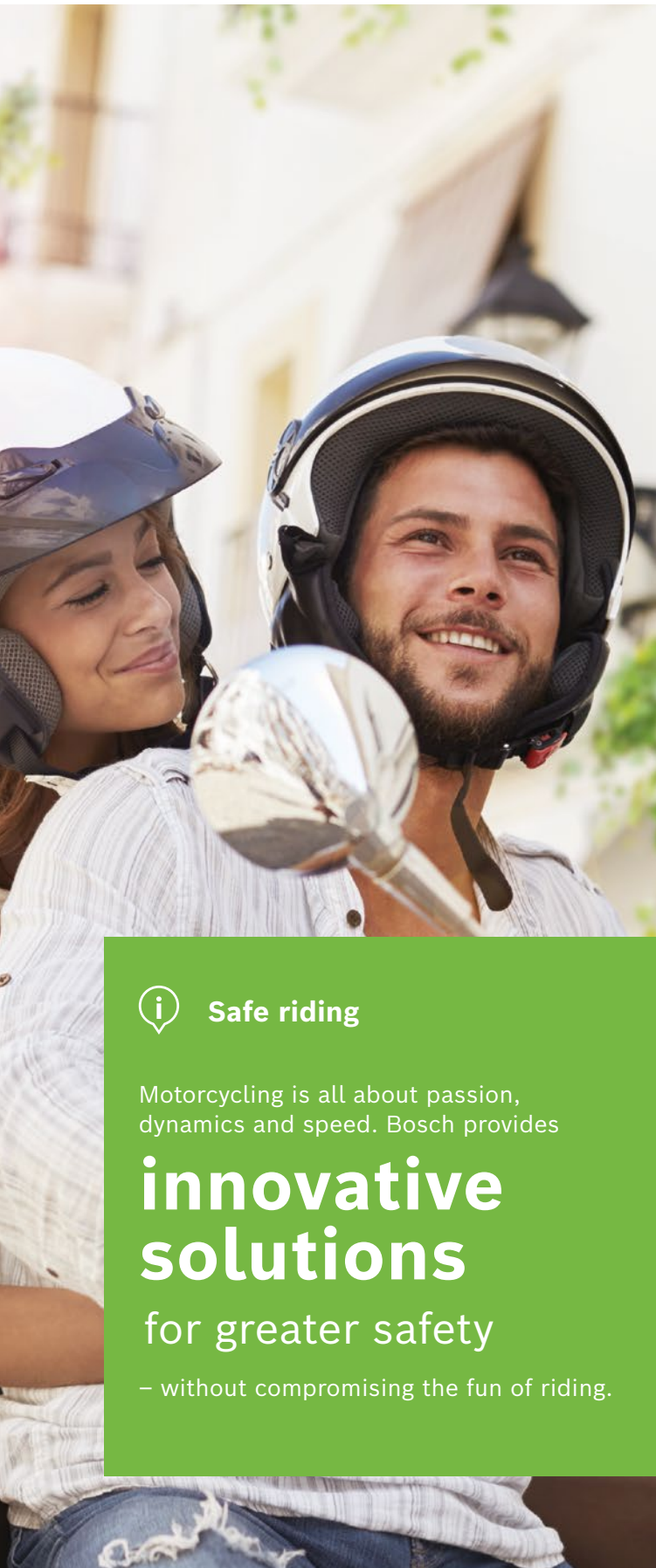
The two-wheeler market is stepping on the gas. Global two-wheeler sales* are expected to develop positively through 2030 with an estimated average annual growth rate of

2,2%

* Conventional two-wheelers without electrification
(Source: FourIn 2019)

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Two-wheeler batteries

Overview

A product range specially geared to the needs of two-wheeler fans and meeting individual market requirements: The Bosch two-wheeler batteries program stands out for modern technologies, a corrosion-resistant design and a long service life.

Battery expert since 1922

Bosch produced its first motorcycle batteries in Stuttgart-Feuerbach as early as 1922. The first car battery followed in 1927.

Automechanika Innovation Award

As a strong brand, Bosch launched the lithium-ion topic onto the two-wheeler aftermarket. In 2016, the M Li-Ion lithium-ion two-wheeler battery was thus honored with the Automechanika Innovation Award in the parts and components category.

Spare parts and services

Bosch offers comprehensive support from a single source for the battery business of workshops and dealers. This includes a complete battery range and reliable services.

Flexible range

Just what the two-wheeler market needs – modern technologies, reliable energy for diverse applications and a customizable battery range. New types of batteries can be added both quickly and easily.

Reliable performance, high safety







Bosch batteries are subject to safety and resilience tests complying with legal requirement criteria and standards and monitored regularly in market applications.



Two-wheeler batteries

Product range



	M Li-Ion	M6 AGM	M4 SLI
	<p>Ultra-light motorcycle battery with lithium-ion technology – specifically designed for sport bikes and racing motorcycles placing high requirements on the starting performance and being subject to extreme strains</p>	<p>Dynamic motorcycle battery with AGM technology – for off-road and powersports applications requiring quick and powerful starting power and having to cope with high strains</p>	<p>Reliable, conventional starter battery – for everyday applications</p>
Technology	<p> Lithium-ion: very light, durable and powerful lithium-iron-phosphate cells</p>	<p> Lead-acid AGM (Absorbent Glass Mat): thanks to acid absorbed by micro-fiberglass mats, higher amounts of energy can be provided</p> <p>Supplied either prefilled (factory-activated) or with acid pack and filling aid for initial filling (dry-charged)</p>	<p> Lead-acid SLI: Starting-Lighting-Ignition/ starter battery</p> <p>Supplied with acid pack and filling aid for initial filling</p>
Scope of application	<p> Scooters, enduros/dirt bikes, motorcycles with ABS and ESP® (racing, off-road and touring bikes), quads, jet skis, applications with numerous electrical consumers</p>	<p> Scooters, enduros/dirt bikes, motorcycles (off-road and touring bikes), quads, jet skis, snowmobiles, applications with numerous electrical consumers</p>	<p> Scooters, motorcycles, quads, snowmobiles, lawn mowers</p>
Cold starting performance	● ● ●	● ●	● ●
Service life	● ● ● ●	● ●	● ●
Weight	0.4 – 2.0kg	1.0 – 5.9kg	1.2 – 8.4kg
Deep-cycle resistance	● ● ●	● ●	●
Maintenance	Absolutely maintenance-free	Maintenance-free	Maintenance-free
Installation angle	360°	45°	0°

M Li-Ion lithium-ion two-wheeler battery

Product details

Ultra-light motorcycle battery with lithium-ion technology – specifically designed for sport bikes and racing motorcycles placing high requirements on the starting performance and being subject to extreme strains



particularly
deep-cycle
resistant
and powerful

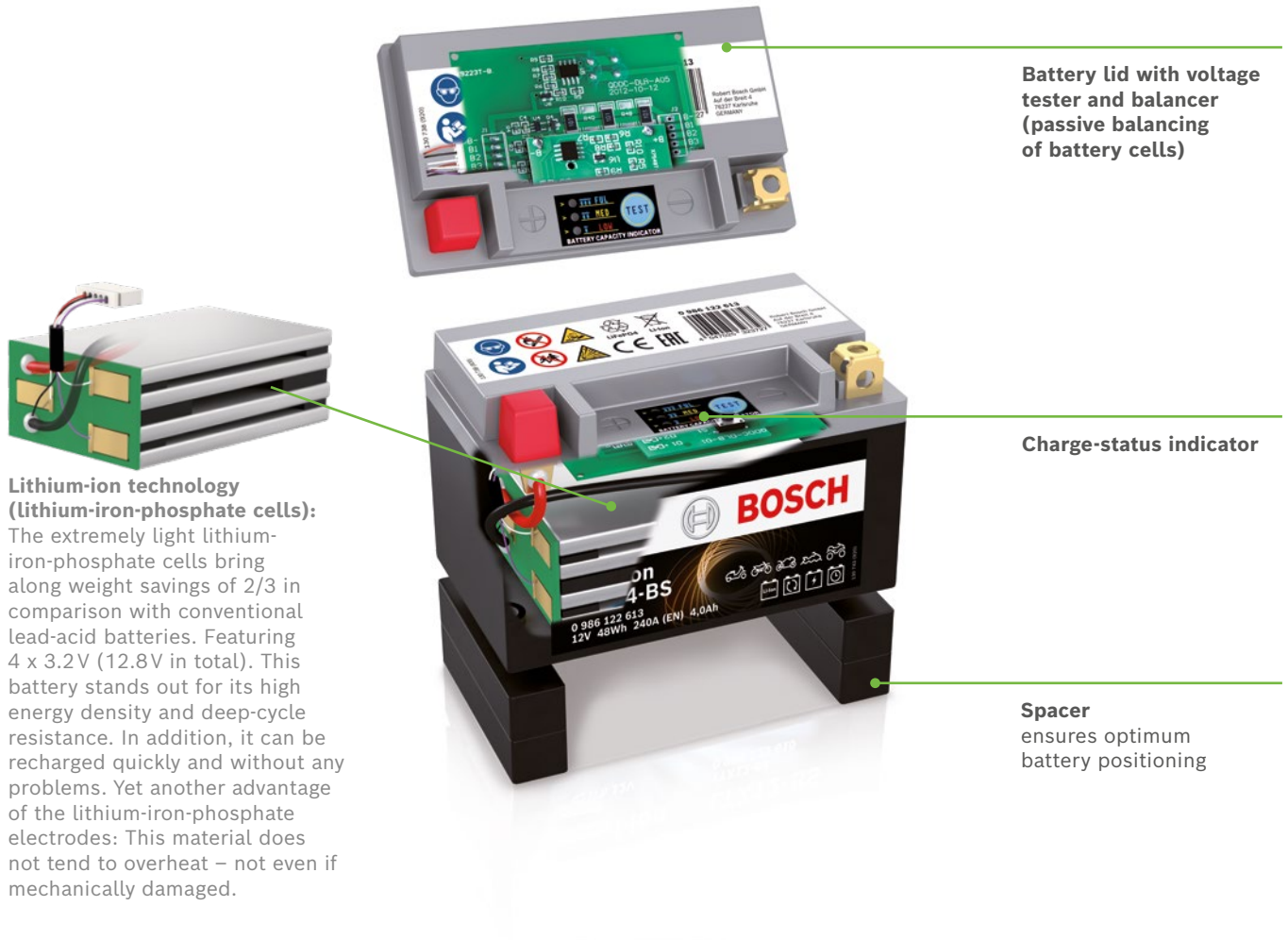


Advantages at a glance

- ▶ **4 times longer service life than conventional lead-acid batteries:** lithium-iron-phosphate cells make this battery particularly deep-cycle resistant (frequent charging/discharging) and stand out for their low self-discharge rate
- ▶ **Ultra-light battery for improved dynamics as well as increased fun to drive and safety:** saving 2/3 of the battery weight, lithium-iron-phosphate cells have a positive influence on the motorcycle weight balance
- ▶ **Charge-status indicator, voltage tester and balancer (passive balancing of battery cells) integrated into the battery lid:** features ensuring balanced discharging and quick charging of all cells
- ▶ **Absolutely maintenance-free, can be installed in any position:** as this 12V battery doesn't contain any acid, it is absolutely leak-proof
- ▶ **For extreme operating conditions in sports and racing motorcycles:** leak-proof, powerful and temperature-resistant, yet allowing quick and reliable start-ups thanks to lithium-ion technology
- ▶ **Simple and precise installation:** the battery is supplied with foam and plastic spacers that allow installation in a variety of differently sized applications

Lithium-iron-phosphate cells

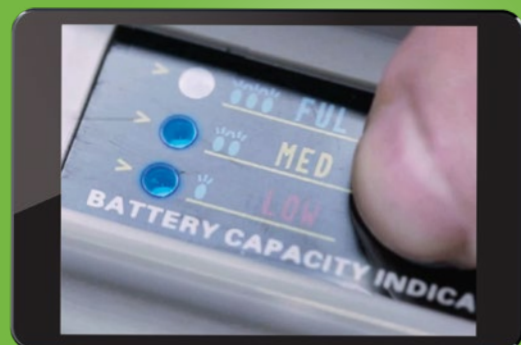
Technology



Recommendations for first use of the M Li-Ion lithium-ion battery

Prior to first use, please check the charge status (press the blue button on the battery lid).

Even if the charge-status indicator shows full capacity, the battery should be fully charged using a lithium-iron-suitable battery charger. This will ensure an optimum service life.



M6 AGM two-wheeler battery

Product details

Dynamic motorcycle battery with AGM technology – for off-road and powersports applications requiring quick and powerful starting power and having to cope with high strains



Advantages at a glance

- ▶ **Dynamic and powerful starting behavior concomitant with an outstanding deep-cycle resistance:** acid absorbed by special micro-fiberglass mats (AGM: Absorbent Glass Mat) allows higher amounts of energy to be provided
- ▶ **Service life increased by 20% in comparison with conventional starter batteries:** AGM technology keeps the self-discharge rates low
- ▶ **Always top starting performance – even though frequently subject to short-distance trips:** AGM batteries do not lose performance because of frequent charging and discharging cycles
- ▶ **Easy setup:** delivered either prefilled (factory activated) or with acid pack and filling aid for initial filling (dry-charged)
- ▶ **Also perfectly suitable for powersports and off-road applications:** thanks to AGM technology, these batteries are particularly vibration-resistant
- ▶ **Increased reliability in winter:** when subject to low temperatures, AGM technology features a higher resistance to deep discharge and a higher cold starting performance than conventional starter batteries

M4 SLI lead-acid leisure battery

Product details

Reliable, conventional starter battery – for everyday applications



Advantages at a glance

- ▶ **Reliable start-ups even in extreme weather conditions:** the grid design ensures excellent conductivity
- ▶ **Suitable for a large number of motorcycles:** different 6V and 12V types available
- ▶ **Resilient and durable:** the grid design is very robust
- ▶ **Easy setup:** supplied with acid pack and filling aid for initial filling



Workshop tip

To ensure satisfied customers, attention should be drawn to the risk of **deep discharge** during long idle periods, such as a seasonal break.

As a preventive measure, it is recommended that customers regularly check the state of charge and recharge with a suitable **battery charger** or install a lithium-ion battery such as the M Li-Ion from Bosch.

Battery chargers for home use

Overview





Sooner or later, long idle times, frequent short-distance driving, temperatures way below zero degrees Celsius and a large number of convenience functions take even the best battery to its limits. Bosch battery chargers provide reliable starting power and increase the battery service life. Buying a Bosch battery charger for home use thus pays off quickly for any driver – no matter whether motorcycle, car or commercial vehicle driver.



Battery chargers for home use

Product range



	C3	C7
	<p>Convenient and efficient battery charging: The C3 battery charger for 12 V passenger car starter batteries and 6 V and 12 V two-wheeler starter batteries can automatically detect the type of lead acid battery and the correct charge level</p>	<p>Fast, efficient and versatile battery charging: The C7 battery charger for 12 V starter batteries for passenger cars and large motorcycles and 24 V starter batteries for commercial vehicles, transporters and campers can automatically detect the type of lead acid batteries as well as the charging status</p>
Types of batteries	 6 V/12 V; lead-acid, AGM, EFB	 12 V/24 V; lead-acid, AGM, EFB
Scope of application	 Scooters, motorcycles, cars, classic and vintage cars, vans, mobile homes, motorboats	 Scooters, motorcycles, cars, classic and vintage cars, vans, mobile homes, motorboats
One-button operation	●	●
Automatic charge control (MCU)	●	●
Protection against sparks	●	●
Trickle charging	●	●
Short-circuit/reverse-connection protection	●	●
Overheating	●	●
Memory function	●	●
Back-up charging mode		●
Dust/splash-water protection (IP 65)	●	●
Scope of delivery includes	2, 3, 4	1, 3, 4
Available as optional accessories	1	2

Accessories

1 Wall mount



2 Mobile hook



3 Cable adapter and small-charger cable including plug with fuse



4 Terminals



C3 battery charger for 6 V and 12 V batteries

Product details

Offering convenient and efficient battery charging: The C3 battery charger for 12 V passenger car starter batteries and 6 V and 12 V two-wheeler starter batteries can automatically detect the type of lead acid battery and the correct charge level



Advantages at a glance

- ▶ **Practical battery charger with easy operation:** automatically detects 6 V or 12 V lead acid batteries and the required charge
- ▶ **Extends battery life:** connected to the vehicle and controllable with a single button, the C3 monitors the battery (e.g. during the winter break) and maintains a constantly high charge level
- ▶ **Permanent attachment to the battery:** screwable ring cable for battery pole terminals

Did you know?

Bosch battery chargers are suitable for

**fast,
efficient and
flexible charging**

of lead-acid batteries – for professional battery care

C7 battery charger for 12 V and 24 V batteries

Product details

For fast, efficient and versatile battery charging: The C7 battery charger for 12 V starter batteries for passenger cars and large motorcycles and 24 V starter batteries for commercial vehicles, transporters and campers can automatically detect the type of lead acid batteries as well as the charging status



Advantages at a glance

- ▶ **Fast and easy charging that extends battery life:** automatic detection of 12V or 24V battery type
- ▶ **Versatile use:** trickle charging for maintenance of high-quality batteries with AGM / EFB technology or in seasonally used vehicles
- ▶ **Support charging mode functionality:** settings of the vehicle electronics during the battery replacement can be retained
- ▶ **Permanent attachment to the battery:** screwable ring cable for battery pole terminals

What drives you, drives us

Bosch technologies are used worldwide in almost all vehicles. People, and assuring their mobility, is what we are focused on.

Therefore, we have dedicated over 130 years of pioneering spirit and expertise in research and manufacturing to achieving this.

We continue to work on our unique combination of solutions for spare parts, diagnostics and workshop services:

- ▶ Solutions for efficient and effective vehicle repairs
- ▶ Innovative workshop equipment and software
- ▶ The world's most comprehensive range of new and exchange parts
- ▶ Large network of wholesale customers, for quick and reliable parts supply
- ▶ Competent technical support
- ▶ Comprehensive educational and training offers
- ▶ Targeted sales and marketing support

Find out more at:
boschaftermarket.com

Robert Bosch GmbH
Automotive Aftermarket

Auf der Breit 4
76227 Karlsruhe
Germany

