

Original BMW Parts

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Sheer  
Driving Pleasure

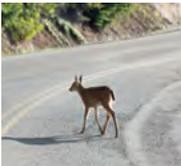
## YOUR BENEFITS AT A GLANCE:

SUSTAINABILITY



- Long service life.
- The heart of BMW EfficientDynamics Technology.
- Reduced risk to the environment thanks to one hundred percent acid binding.

SAFETY



- High and low temperature stability.
- Robustness to corrosion and internal short circuits.
- Reliability even after total discharge.

VALUE RETENTION



- Maintenance-free.
- Long availability, even after periods of immobilisation and storage.
- Longer service life and higher performance capacity than a conventional calcium battery.



### Insist on Original BMW Parts.

Decisions based solely on price tend to overlook essential criteria like quality, operational reliability, precision fitting and useful lives.

Original BMW Parts are optimised to your BMW model and must fulfil the same quality standards as our BMW vehicles.

The fitted precision and high quality of each and every part ensure the harmonious interaction between the vehicle system's functionality and operating principle. Maintain your BMW in its original condition with Original BMW Parts.

### To make sure your BMW stays a BMW.

For further details see: [www.bmw.com/parts](http://www.bmw.com/parts)

## FULL POWER FOR YOUR BMW.

### ORIGINAL BMW BATTERIES WITH AGM TECHNOLOGY.

## DID YOU KNOW?

**The battery is the most important power supply when the engine is starting and stores the energy that the alternator produces when the vehicle is moving.** This electrical energy is transferred when needed to the consumers and control units like starter motor, lighting, etc.

**In city traffic and on short routes** the vehicle electrical system can consume more power than the alternator can supply. In these times of increasing electronics in the vehicle, the importance of battery performance too grows in equal measure. So all vehicles with Auto Start Stop function, brake energy regeneration, or auxiliary heater need an AGM battery.

The performance capacity of batteries drops sharply **at low temperatures.** Yet it is the cold season when a lot of energy is needed particularly for light, blowers, heating, etc. Also **great heat and long immobilisation periods** induce self-discharging and shorten the battery's service life.



## WHAT DOES AGM TECHNOLOGY MEAN?

The constantly growing power requirements of modern vehicle electrical systems demand batteries with ever greater performance capacity. The Original BMW Battery with AGM technology (AGM stands for **A**bsorbent **G**lass **M**at) is **the optimal solution for the highest demands.**

In contrast to conventional lead-calcium batteries, the sulphuric acid in an AGM battery is bound 100% in mats of glass-fibre fleece. **The acid cannot leak and damage the battery housing.**

Moreover, the Original BMW Battery with AGM technology can withstand **cyclic loads up to three times higher than conventional batteries.** Thanks to the great stability of its capacity over its whole service life, an AGM battery is ideal for vehicles with a high power throughput when stationary (auxiliary heater, entertainment systems, etc.).

**Original BMW Batteries with AGM technology can be recognised by their black housing and the absence of the so called magic eye.**

**Important:** When your vehicle has already been fitted with AGM technology ex works, your battery must never be replaced with another technology. The power consumption of a calcium battery is too slow to be used in these vehicles.



## ORIGINAL BMW BATTERIES WITH AGM TECHNOLOGY...

- ... **exhibit convincingly low self-discharging levels** for immediate availability even after long periods of immobilisation and storage.
- ... **have a capacity of greater stability** over their service life.
- ... **provide a reliable start to vehicles with high power requirements and offer greater protection against short circuits.**
- ... **are particularly stable at low and high temperatures** and particularly robust to corrosion and internal short circuits.
- ... **can be optimally recycled** owing to their robust, shockproof housing of polypropylene.
- ... **provide 100% acid binding that eliminates the risk of battery acid leaking in the event of an accident,** and also prevent the explosion of hydrogen gases.
- ... **must be registered when a battery is replaced** to ensure that all battery-dependent comfort functions, such as heated seats, and BMW EfficientDynamics measures, such as the Start/Stop function, work correctly and without restrictions.
- ... must be installed in all vehicles with **Auto Start Stop function, brake energy regeneration or auxiliary heater and in vehicles fitted ex works with AGM technology.**