

### Probe's NEW Carbon EFB & Special AGM Batteries

The technology in our cars has evolved dramatically over the last fifteen years and continues to evolve. Many vehicles, including those with start-stop technology, now require **Enhanced Flooded Batteries (EFB)** and **Absorbent Glass Mat (AGM)** batteries as a starter battery. The new Probe range of **Carbon EFB** and **Special AGM** batteries for automotive and commercial vehicles conform to the highest standards and specifications for your battery needs. We have done our research and secured the best quality product to be able to supply both OEM manufacturers and end-users of vehicles with start-stop systems.

#### ALL ABOUT EFB BATTERIES

An EFB battery is an enhanced version of a conventional sealed maintenance-free (SMF) battery. Still classified as wet or flooded batteries, these batteries are better suited for vehicles with entry-level start stop systems. While the perception might be that the EFB is only be a high cranking SMF battery, this is far from the truth. To be suitable for start-stop technology, the EFB should have a high CCA (cold cranking capacity) even at a lower voltage, an improved charge acceptance due to improved active material in its grid structure, and the grid integrity to provide greater cyclic durability. These features are all available in our new Probe Carbon EFB battery range.



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#### FEATURES:

- Extremely high cold cranking capacity (CCA), to be able to crank even when the voltage is lower
- Enhanced charge acceptance, enabling the battery to reach full capacity faster
- A longer cycle life, essential for Stop-Start systems

If you drive a vehicle which is fitted with an Enhanced Flooded battery, be wary of products that claim to be EFB products but may not offer the features of a true EFB battery. Choose the Probe Carbon EFB battery to be confident that you have true fit-and-forget technology of the right quality and specifications for your vehicle.

#### UPGRADING TO AGM BATTERIES

Absorbent Glass Mat (AGM) batteries have unique design features which you won't find in SMF or EFB batteries, including a strong reinforced casing design, Glass Mat separators, a recombinant lid technology and high pack pressure. These features ensure higher vibration resistance and an improved cyclic lifespan. The Probe Carbon AGM batteries have the most up-to-date Carbon AGM technology and are best suited for the electrical demand of high specification vehicles that may include advanced Start Stop systems, regenerative braking, and passive boost technology.



## ***Probe's NEW Carbon EFB & Special AGM Batteries***

*An upgrade to AGM is also suitable for modern cars equipped with many electronic features, even if they do not have stop-start technology. If your car is inactive for long periods, such as a collector's vehicle or second car, an AGM battery offers the benefit of better recharging and less risk of acid layering and sulfation to the bound electrolyte.*

### **FEATURES:**

- *The longest lifecycle*
- *Highest charge acceptance*
- *Highest cranking capacity even at lower voltage*

### **POINTS TO REMEMBER:**

- *Only replace an EFB with an EFB or AGM battery*
- *Vehicles with AGM batteries need AGM batteries only*
- *Choose the best quality for enhanced service life and performance*

### **UPGRADE TEST**

*If you answer yes to any of the questions below, it may be time to consider an upgrade to an EFB or AGM battery.*

- *Do you often drive short distances or end up in traffic queues?*
- *Does your vehicle have extensive electronic equipment and additional devices fitted?*
- *Do you often drive under extreme weather conditions – including hot, dusty roads?*

*With Probe's new carbon EFB and AGM range for automotive and commercial vehicles, Probe remains the leader in providing the complete power package for all manufacturers in South Africa and neighbouring countries.*