

E-mobility is an opportunity for Bull power

E-mobility is an important business area for Banner and deliveries are already being made to numerous partners.

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E-mobility has for quite some time been the dominant topic of discussion in the automotive branch. Consequently, as an established manufacturer of lead-based starter batteries, Banner is confronting the resultant challenges to a greater extent than ever before.

With its AGM and EFB batteries, Banner is making a significant contribution to sustainable e-mobility.

It is still impossible for any e-vehicle to operate without a 12V lead-acid battery on board for the supply of its electrical systems and therefore apart from future-oriented start-ups, Banner is also supplying leading automotive manufacturers such as the BMW Group with its quality batteries. For example, the electrical system in the BMW i3 is stabilised by a Banner Running Bull AGM Backup, which feeds power to the car's 12V consumers.

The German Post Office also delivers with Banner.

For more than a year, Deutsche Post (Germany Post Office) has been using DHL e-transporters for short delivery runs. In the so-called StreetScooters, which are the product of an innovative start-up, the battery is installed behind the driver's cab and must therefore be maintenance-free. At present, Banner is supplying the required power with a Starting Bull and an 8A charger has also been installed in order to allow the simultaneous recharging of the 12V and high-voltage batteries over night.

Lead-acid batteries supply flexible energy.

Future-oriented, fuel-saving vehicles require a reliable energy source. Therefore, owing to their high levels of cyclical resistance, in particular advanced lead-acid batteries in the form of absorbent glass mat (AGM) and enhanced flooded batteries (EFB) are employed in micro-hybrid concepts. Above all, the AGM battery, which uses glass webs, is an extremely efficient battery technology that allows the flexible and extensive energy management that is vital for the vehicle technologies of tomorrow.

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An emphasis on research and development

The automotive industry sees lithium-ion technology as possessing the greatest future potential for full hybrid vehicles. And although Banner is regarded as one of the leading suppliers of AGM and EFB batteries for micro-hybrid vehicles with start-stop systems, as an innovative company it is careful not to rest on its laurels. For as Andreas Bawart, the Banner Commercial CEO, explains: “A number of development projects are in progress, which are aimed at further boosting the efficiency of the AGM battery. We have set ourselves the target of improving power charging and discharge through optimised cell design, additives in the active mass and various design measures.”

Captions:

Photo1.: Banner Running Bull AGM BackUp

Photo 2.: Andreas Bawart, the Banner GmbH Commercial CEO *

* **Photo 2:** © Andreas Wenter/Permanent Moments

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Banner at a glance

Banner GmbH is an innovative, steadily expanding producer of top quality starter batteries. The company, which is based in Linz-Leonding, Austria, has been manufacturing batteries for all types of vehicles since 1937. The family-owned firm, which is headed by Andreas Bawart and Thomas Bawart, employs a workforce of around 780 across Europe. Banner produces and sells over 4.1 million starter batteries annually and thus numbers among the oldest, most experienced and important brands in the battery production field. Banner batteries are used for the first fitting of numerous models from Audi, BMW, Caterpillar, Jungheinrich, Kässbohrer, Liebherr, Mercedes, Mitsubishi, Porsche, SEAT, Volvo, and VW. Banner has its own sales companies in fourteen European countries and its products are also sold in more than 50 other European, African and Asian states via direct importers. Future-oriented technology and outstanding quality underline the international reputation of these exemplary products with “buffalo power”, which are also characterized by the Banner logo. Further information is available at

bannerbatterien.com

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