Friday, 07 August, 2020

NewEnergy360
WORLD BATTERY NEWS

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World Battery News & New Energy 360

FIAMM consolidates role as AGM auxiliary battery leader

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FIAMM is consolidating its leadership in AGM auxiliary batteries for Start&Stop systems with almost eight million units produced – and has added a new OEM supply for hybrid applications to its already extensive customer portfolio.

Batteries initially made in 2004 at FIAMM's plant in Avezzano, Italy, had a capacity of 12Ah. The dual-battery system was adapted to the new requirements and introduced on other cars by the same manufacturer.

The demand for batteries significantly increased in 2008 following the introduction of Start&Stop systems. In 2010, FIAMM launched the BTX12 and BTX14 batteries with AGM technology. Which were developed maintaining the size of the original GTX auxiliary battery but with specific features to be integrated into Start&Stop systems on the original equipment market.

Although similar in appearance to a battery for motorcycle applications of the same size, the batteries developed specifically for OEMs have unique features, including: a box and lid made of polyethylene and polypropylene polymers using proprietary moulds; use of CoS technology for welding, high-strength interlayer welding; heat-sealed (not glued) lid; and specific lead terminals with threaded insert.

The batteries are designed to withstand very many Start&Stop cycles, with an explosion-preventing insert and vent hole. Additional product features include Absorbed Acid Technology (AGM), high starting power and low internal resistance.

FIAMM is complementing the range of auxiliary batteries for the spare-parts market by introducing a 10Ah version, the VR170 range, in addition to the 12Ah battery – known as VR200 – this year.

Read more about FIAMM online:

FIAMM

Source: FIAMM