

Graphene and Super-fast Charging EV Batteries; Up to 85% in 8 Minutes!

2020-06-15

Guangzhou Automobile New Energy (GAC) has developed a graphene-enhanced battery for EVs which will be available for mass production at the end of this year.

[Guangzhou Automobile New Energy](#) said that at the end of this year, its graphene battery will be available for mass production. GAC reports that its graphene technology can charge batteries up to 85% in 8 minutes.

In 2014, Guangzhou Automobile Group started the research and development of graphene technology, and gradually mastered the preparation and application technology of 3D structural graphene (3DG) material with independent intellectual property rights.

In November 2019, the "super fast-charge battery" based on 3D structural graphene (3DG) material independently developed by Guangqi was officially announced. Graphene materials have properties such as ultra-light, ultra-high-strength, and superconductivity.

According to Guangzhou Automotive New Energy, the "Super Fast Charging Battery," which is based on the 3DG material, has completed the testing of the battery cell, module, and battery pack samples, and carried the whole vehicle for high power charging test, and the battery life and safety have reached the usage standard.

The "Super Fast Battery" was tested to charge the battery to 85% in just 8 minutes.

Read the [original article](#) on cnTechPost.