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Title: New energy battery structure pack

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Through weight reduction and structural optimization, an innovative power battery pack design scheme is proposed, aiming to achieve a more efficient and lighter electric vehicle ...

For this reason, we have proposed an air cooling structure for rapid cooling of new energy power vehicles [1]. The utility model relates to the technical field of automobile batteries, in particular ...

In this work, the structure of the new energy vehicle is optimized by a finite element model, and the side crashworthiness applied to the electric vehicle is analyzed by means of a ...

In the above literature, research has been carried out on the aspects of automotive structural safety, optimization of battery pack box structure, and lightweight technology of new energy ...

The main structure of the battery pack box includes the upper-pressure cover, the upper-pressure rod, the lower box body of the battery pack, the inner frame, the lifting lug, the ...

Electric vehicles carry a whole power plant under their floors - except it's made of batteries, not pistons. To get a big range, automakers pack thousands of lithium ion battery ...

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