



# Zero-carbon factory based on energy storage batteries

What is a Zero-Carbon factory model?

The zero-carbon factory model is a typical demonstration of green manufacturing, which is of vital importance in the comprehensive energy management and utilization in the future society.

What is XIZICE zero-carbon Smart Energy Center?

XIZICE Zero-carbon Smart Energy Center is based on photovoltaic, molten salt energy storage, electrochemical energy storage, hydrogen fuel cell and other new energy as the core.

What is a battery pack?

Battery packs are the largest units of vehicle batteries in commercial vehicles. The battery cells are integrated and controlled in them. In the series-produced MAN Lion's City E city bus, a battery pack has a capacity of 80 kWh. Six battery packs are currently installed in a 12-metre city bus, resulting in a range of up to 350 km.

Are battery-electric and hydrogen-powered fuel cell drives the same?

The fact that battery-electric and hydrogen-powered fuel cell drives go hand in hand technologically and build on each other was underlined by MAN with the first presentation of the battery-electric prototype based on the new MAN Truck Generation. The electric motor, which draws its energy from batteries, is the starting point.

On September 26, Haichen Energy Storage's Xiamen factory obtained the PAS2060 carbon neutrality certification certificate (No. 0412TZH01106), indicating that Haichen Energy ...

Under the "dual carbon" goal, energy storage is a key technology and basic equipment to promote the high proportion of renewable resources and support the construction of new ...



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