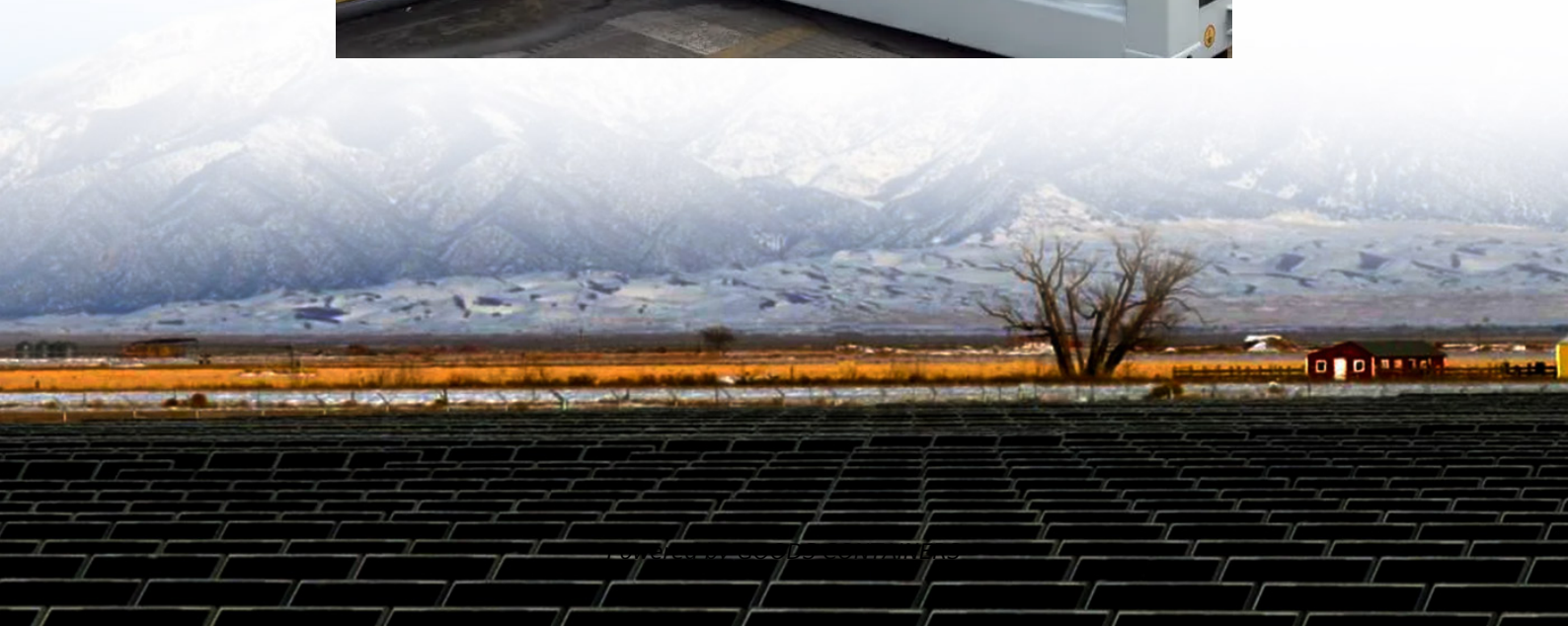


Ashgabat Super Double Layer Capacitor Manufacturer





Overview

What is an electric double layer capacitor?

An electric double layer capacitor is a capacitor that uses the electric double layer formed at the interface between the electrode and the electrolyte to store an electric charge and is characterized by its exceptionally high energy density.

What is a supercapacitor in electric bicycle?

A supercapacitor (SC) (sometimes ultracapacitor, formerly electric double-layer capacitor (EDLC)) is a high-capacity electrochemical capacitor with capacitance values much higher than other capacitors. In this article, the combination of super capacitor and battery is applied to the electric bicycle to form a dual power supply system.

What is an electric double-layer capacitor (EDLC)?

It realizes battery-less smart cards equipped with a display, and is suitable for secondary power supplies for wearable devices or IoT devices. The electric double-layer capacitor (EDLC) is made thinner with packaging technology where metal foil laminated film is used, and allowing maximum use of the space for the mountain thickness.

Who makes supercapacitor products?

Supercapacitor products are offered by the company under its Industrial Solutions segment. The company's supercapacitor products are used in automotive, energy, and oil & gas applications. Maxwell Technologies



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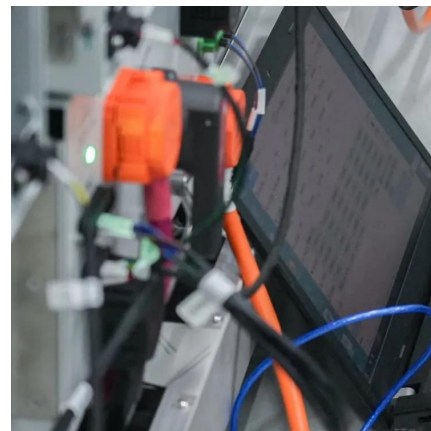


[10 Electric Double Layer Capacitor Manufacturers in 2025](#)

This section provides an overview for electric double layer capacitors as well as their applications and principles. Also, please take a look at the list of 10 electric double layer capacitor ...

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