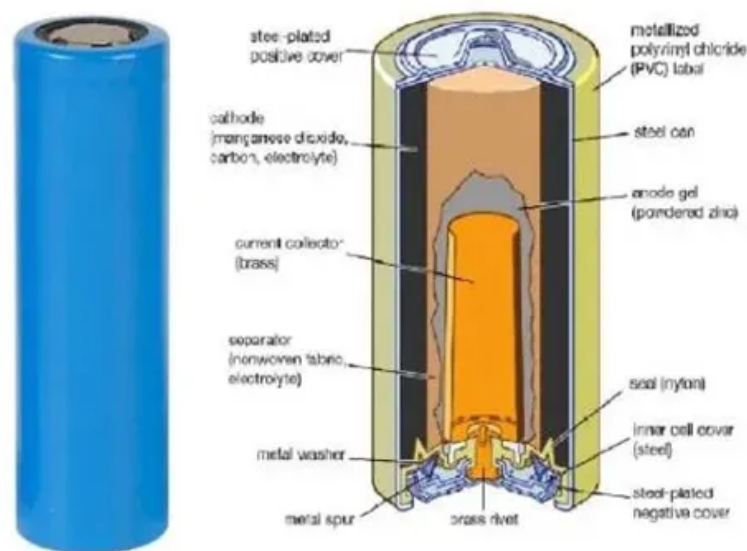


SolarMax Energy Systems

Use of home energy storage devices



Overview

Home energy storage refers to residential energy storage devices that store electrical energy locally for later consumption. Usually, electricity is stored in lithium-ion rechargeable batteries, controlled by intelligent software to handle charging and discharging cycles. Companies are also developing.

Automotive companies There has been a trend of automotive companies cooperating with other leaders in the energy industry in order to develop home energy storage.

Environmental impact of batteries Lithium-ion batteries, a popular choice due to their relatively high and lack of , are difficult to .

• • • • • .

Overcoming grid losses Transmission of electrical power from to is inherently inefficient, due to in.

Storing energy in batteries is far from the only option. Multiple forms of storing energy exist such as flywheels, hydroelectric, and thermal energy. Pico hydro.

Use of home energy storage devices



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