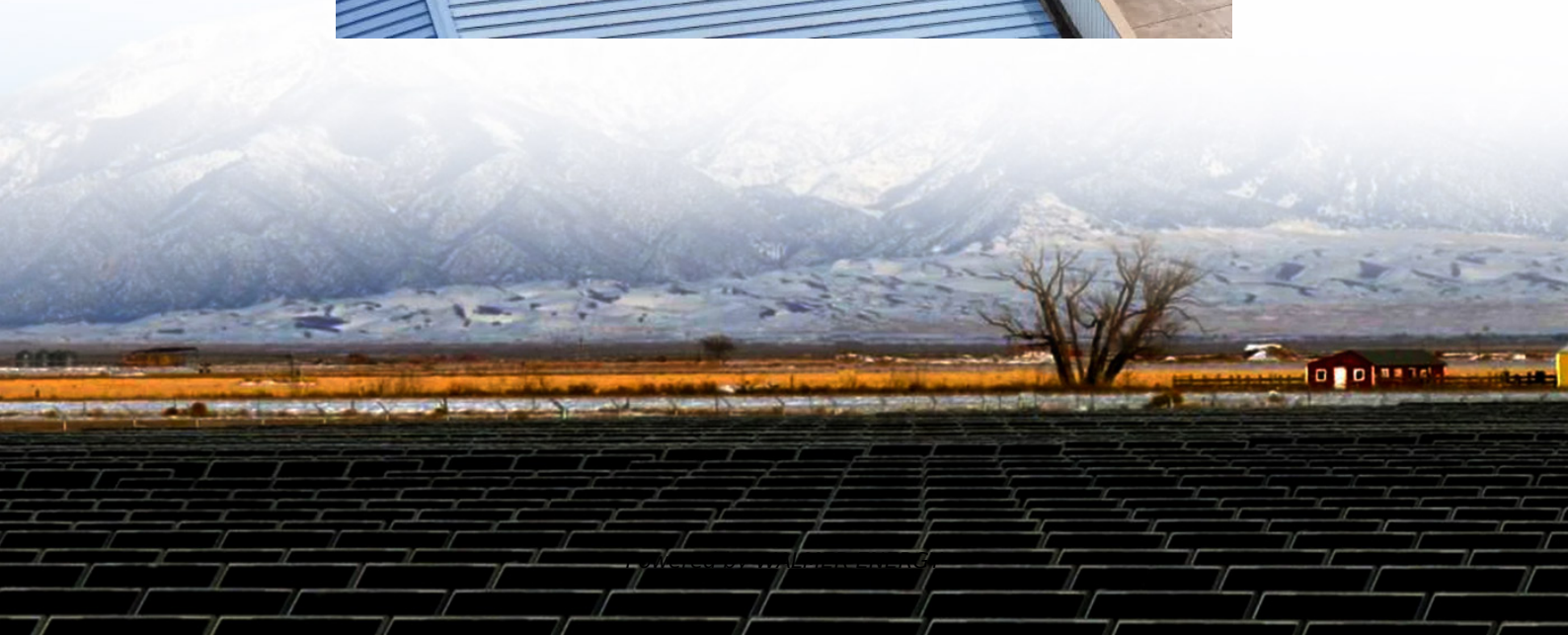


Perc solar modules





Overview

What are PERC solar panels?

One option that outstands from the rest is the Passivated Emitter and Rear Contact (PERC) solar technology which allows for the creation of PERC solar panels. The PERC solar panel is a highly efficient and improved type of PV technology that uses Crystalline Silicon (c-Si) and fixes some inconveniences of this traditional technology.

What are the different types of PERC solar panels?

There are two primary types of PERC solar panel: 1. Mono PERC Solar Panels Monocrystalline cells with an additional reflecting layer, known as mono PERC solar cells, increase efficiency by reabsorbing light that isn't initially caught.

What are the advantages of PERC solar panels?

The innovation behind PERC solar panel offers several advantages: 1. Higher Efficiency PERC panels are about 1% more efficient than traditional panels, and can be up to 3% more efficient in low light and high heat. This can increase energy production for a PV system by up to 5%. 2. Increased Low-light and High-heat Performance.

What percentage of new solar panels are PERC?

Currently, around one quarter of new solar panels are PERC and the figure may reach 50% in 2020. The reason it has become popular is because it adds little to the cost of solar panels while increasing their efficiency by around one whole percentage point.



Perc solar modules

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