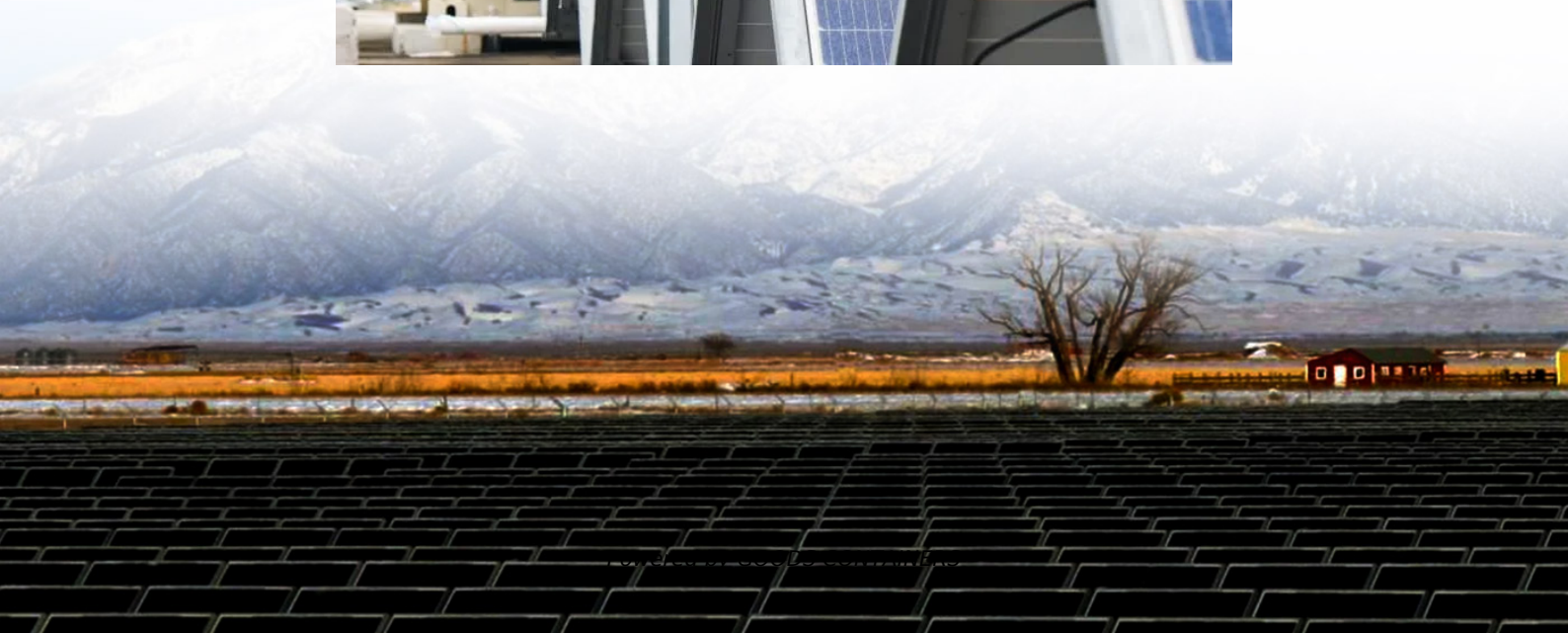


Comparative Test of 60kWh Photovoltaic Container





Overview

How much electricity does a compact case use?

The electric energy need for the compact case is in the range 133–161 kWh/m² a based on the IWECC weather files. The average energy need for the five previous studies in Table 1 is 110 kWh/m² a.

How does LZY's photovoltaic power plant work?

LZY's photovoltaic power plant is designed to maximize ease of operation. It not only transports the PV equipment, but can also be deployed on site. It is based on a 10 - 40 foot shipping container. Efficient hydraulics help get the solar panels ready quickly.

How does JinkoSolar n-type Topcon compared to conventional PERC?

The LID of Jinkosolar's N-type TOPCon module is only 0.26% after exposure of 60kWh/m², while the degradation of conventional PERC module is 1.92% under the same condition. After LeTID test of 192 hours, the power of N-type was degraded less than that of P-type, and the degradation was 0.09% and 1.17% respectively.

What is a lid 60kWh & letid 192h test?

2. LID 60kWh and LeTID 192h tests were done on N-type TOPCon panels: LID 60kWh, modules undergo outdoor light soaking until stabilization of LID as defined by IEC 63202-1: > 20kWh); LeTID testing for 192 hours, modules are placed in an environmental chamber at 75 °C while connected to a power supply and injected with a low current.



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