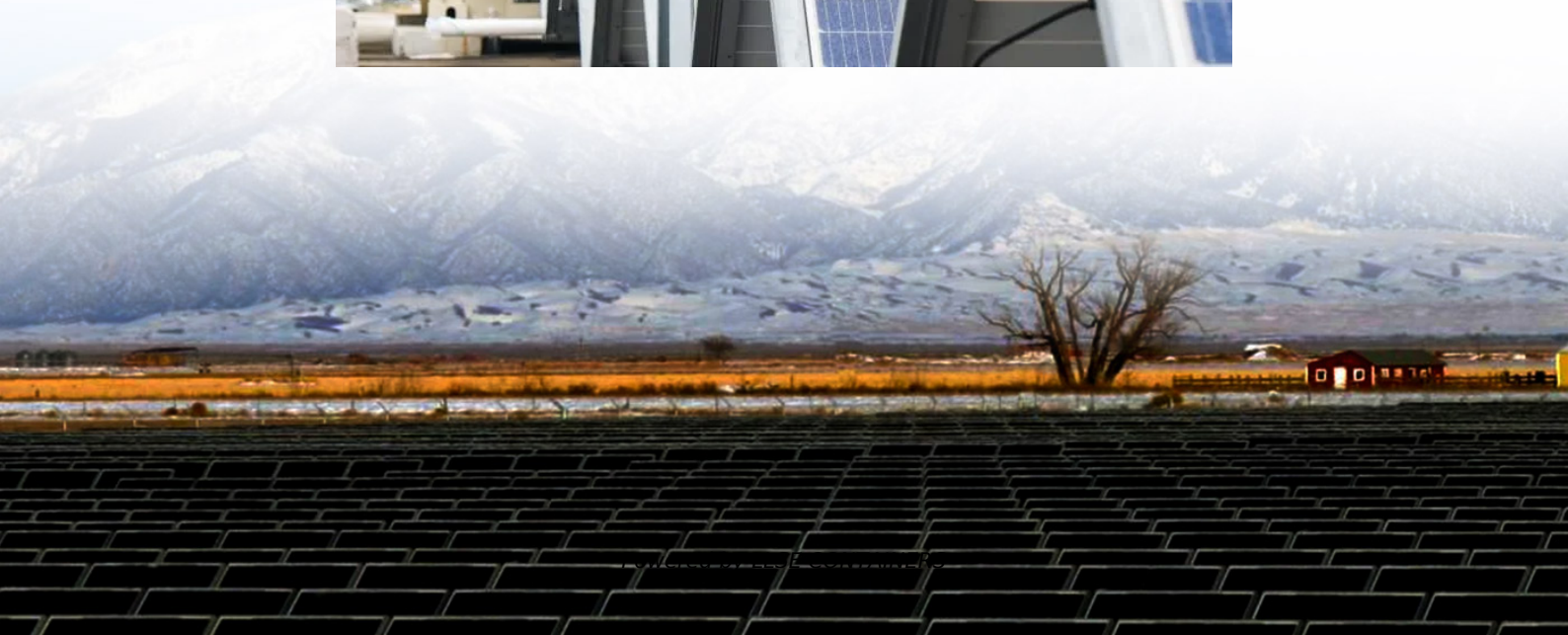


Huawei Libya solar container outdoor power





Overview

Could Libya be a solar energy exporter?

The desert technology (DESRT-TEC) is one of the largest projects; there was proposed that Libya would be one of the exporters of solar power generated from solar energy to Europe (Griffiths, 2013). The aims of that project to provide Europe Union countries with energy generated from the sun in North Africa and the Middle East countries.

Why is solar energy important in Libya?

Due to Libya's geographic location on the cancer orbit line with exposure to the sun's rays during the year and with long hours throughout the day, solar energy may be considered to be one of the main resources (Bannani et al., 2006).

Can solar PV be used in Libya?

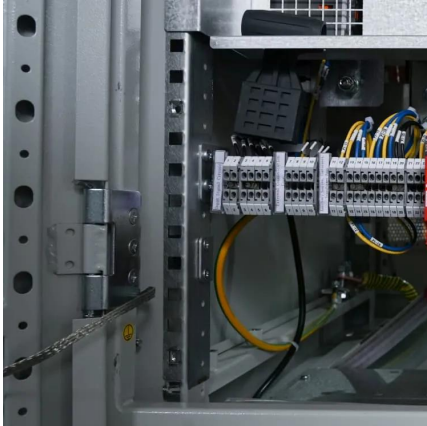
The potential and opportunities for solar PV in Libya have been assessed. Future prospective of exploiting solar PV has been drawn in Libya. The solar photovoltaic (PV) is one way of utilising incident solar radiation to produce electricity without carbon dioxide (CO₂) emission.

How much solar power does Libya have?

In-depth south regions of Libya, the daily average solar PV power protentional is greater than 6.5 kWh/kWp, although the annual average is greater than "2045 kWh/kWp". Fig. 5. Solar photovoltaic power potential in Libya (GSA, 2020).



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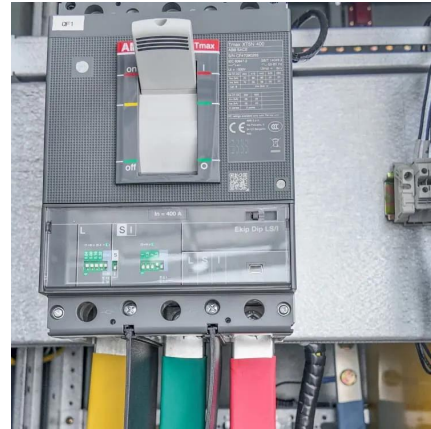


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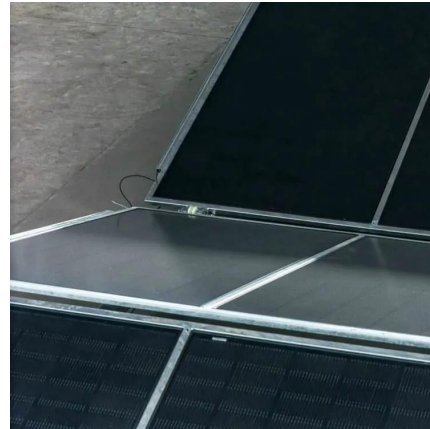
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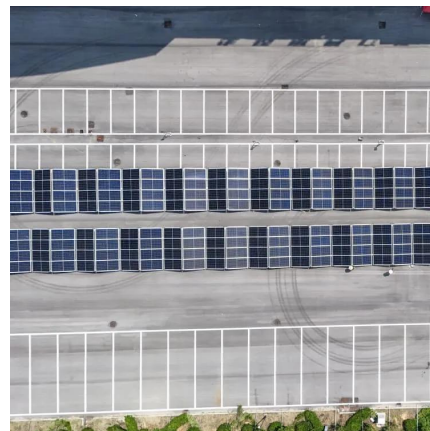


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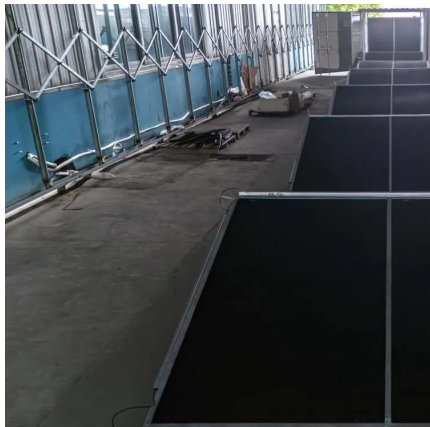
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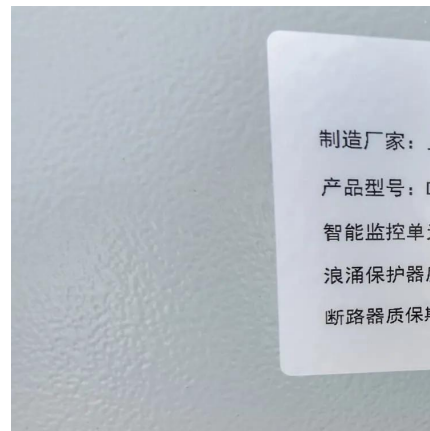


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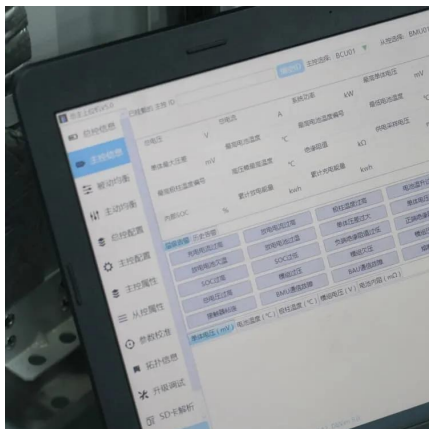
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