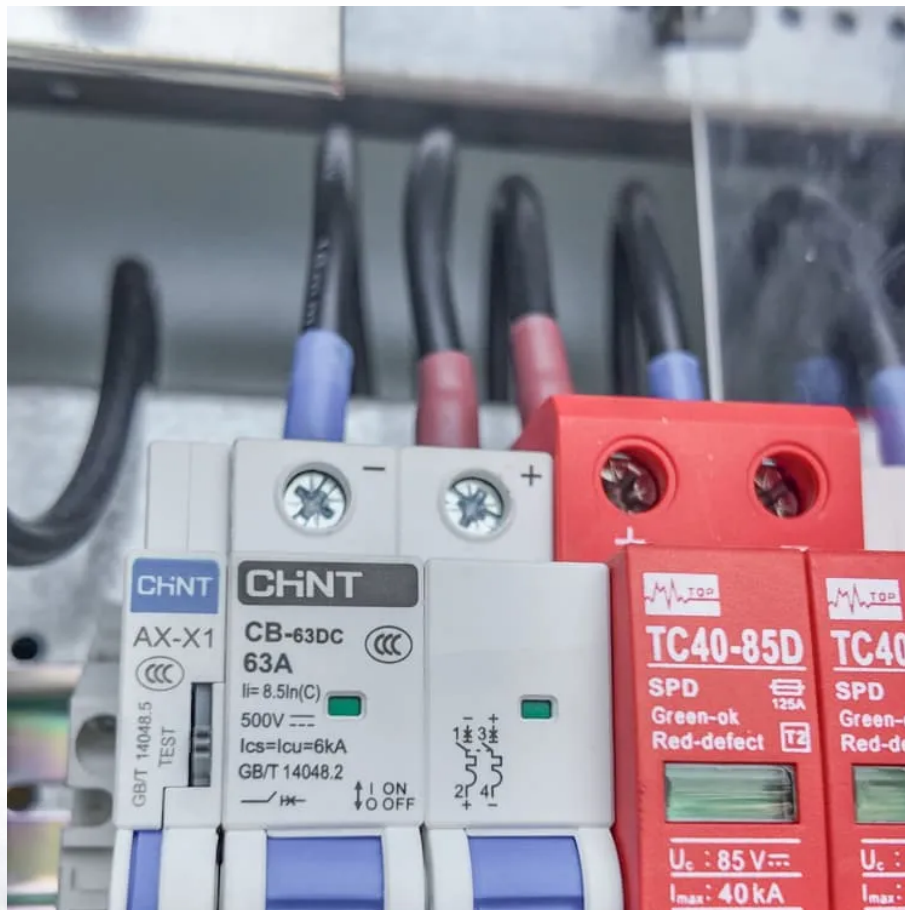


2MW Solar-Powered Container for Emergency Relief in South Sudan





Overview

How does solar energy work in South Sudan?

Solar energy is abundant during the dry season in South Sudan. Because of this, the sun's energy is harnessed using solar technologies to pump water into the elevated water storage tank. Gravity allows the water to flow through underground pipes directly to water kiosks throughout the community.

Why is clean water important in South Sudan?

In countries like South Sudan, access to clean water is crucial for survival in the dry season. In the rainy season, clean water helps keep the community safe from diseases like cholera. A solar-powered water system in Yambio has transformed water access for children and families in the remote town.

How can solar power improve water access in Yambio?

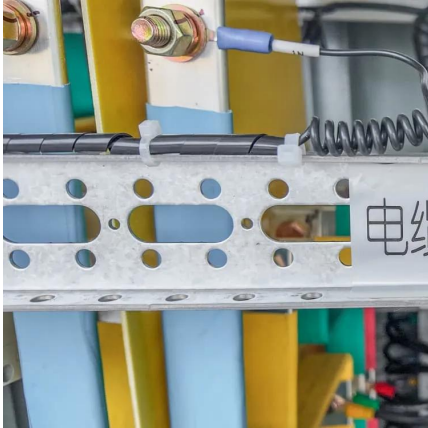
In the rainy season, clean water helps keep the community safe from diseases like cholera. A solar-powered water system in Yambio has transformed water access for children and families in the remote town. By using solar energy, the system pumps treated water from a borehole to different communities, schools and the main health centre.

Can solar power solve energy poverty in South Sudan?

Because South Sudan is still in the beginning stages of their infrastructural development, there is a rare opportunity to move forward and address the issue of energy poverty by building sustainable models of electrification, like solar power, without having to dismantle an already existing energy foundation.



2MW Solar-Powered Container for Emergency Relief in South Sudan

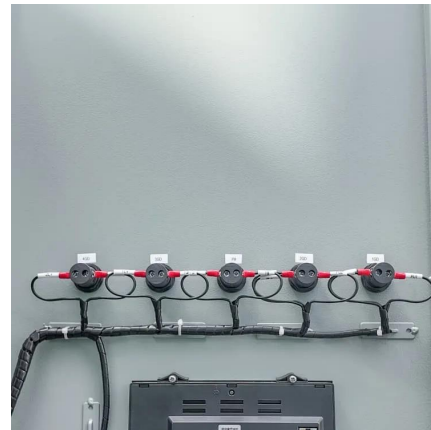


[Solar-powered water systems bring hope to South Sudan's ...](#)

Nov 19, 2024 · Clean, accessible water in South Sudan means more than just hydration - it's a safeguard against disease, a key to food security, and a foundation for development. Before ...

[A Bright Future for Renewable Energy in South Sudan](#)

Dec 4, 2024 · Since 2020, Rainmaker Enterprise has made serious strides toward expanding locally-driven, solar-powered water security, increasing environmental resilience and ...



[Solar-powered water systems bring hope to South Sudan's ...](#)

Nov 19, 2024 · While global leaders debate carbon targets and financial commitments, on the ground in South Sudan, the solutions are clear: innovative, sustainable technologies like solar ...

[Solar water systems built by Concern preventing spread of ...](#)

Jan 29, 2025 · In South Sudan, Concern used UNICEF funding to build two new water systems in Rubkona County. The water systems include wells, solar powered pumps with back-up ...



Solar Powered Humanitarian Hub: 1,900 Panels Aid Essential South Sudan

Aug 12, 2025 · The Solar Powered Humanitarian Hub: A Model for Sustainable Assistance The Malakal solar-powered hub stands as a model for future humanitarian operations, both within ...



Water Storage & Distribution -- Water for South Sudan

Water Storage & Distribution Solar energy is abundant during the dry season in South Sudan. Because of this, the sun's energy is harnessed using solar technologies to pump water into the ...



In South Sudan, off-grid communities turn to solar power ...

Jul 16, 2018 · In countries like South Sudan, access to clean water is crucial for survival in the dry season. In the rainy season, clean water helps keep the community safe from diseases like ...



[How Solar Power Containers Support Emergency and ...](#)

Oct 24, 2025 · Summary Solar power containers play a vital role in emergency and humanitarian operations by delivering fast, reliable, and renewable electricity anywhere it is needed. Their ...

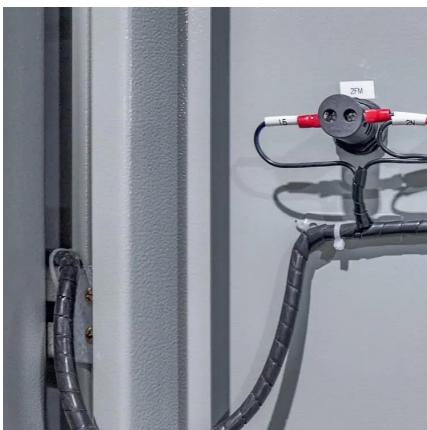


[Solar systems help build bridges between refugees and host ...](#)

Aug 4, 2025 · Every morning, Awadia Yassin joins the familiar flow of people heading to a refurbished solar-powered water point in Doro Refugee Camp, Maban County in South Sudan. ...

[In South Sudan, off-grid communities turn to solar power for ...](#)

Jul 16, 2018 · In countries like South Sudan, access to clean water is crucial for survival in the dry season. In the rainy season, clean water helps keep the community safe from diseases like ...



[Water systems built by Concern preventing spread of cholera in South](#)

Jan 29, 2025 · In South Sudan, Concern received UNICEF funding to build two new water systems in Rubkona County. The water systems include wells, solar-powered pumps with ...



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://llsolarenergy.co.za>

Scan QR Code for More Information



<https://llsolarenergy.co.za>