



GermanSolarZA

Ugandan schools use off-grid solar-powered containers for fast charging





Overview

Can 'solar suitcases' bring electricity to schools in Uganda?

The students have taken on a new project: assembling "solar suitcases" to help bring electricity to schools in Uganda's Bidi Bidi Refugee Settlement, which is home to 270,000 South Sudanese refugees.

Will a suitcase bring electricity to a refugee camp?

The suitcases will bring electricity to 40 schools in the refugee settlement, which provide education to over 12,000 students. They are designed to be easily transported (thus the suitcase design), which makes them ideal for off-grid locations, like a refugee camp.

Can teachers help students build solar cases?

"These passionate teachers will now guide their students in building solar cases, providing a hands-on STEM experience with real-world impact." For Thurgood Marshall teacher Stacy Wallace, the impact was clear.

How many Illinois schools are implementing the we share solar program?

At the start of the 2024 school year, the We Share Solar program was implemented in 13 Illinois schools, training educators in the curriculum and setting up the project across the state. "This is just the beginning," a Facebook post from We Share Solar states.



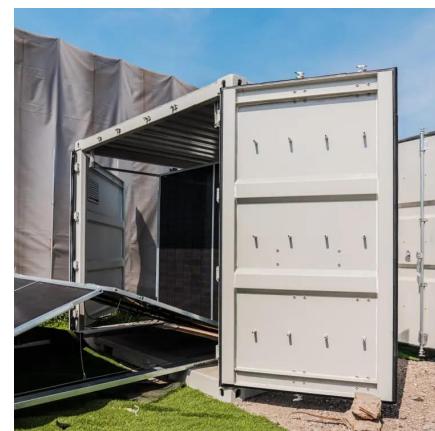
Ugandan schools use off-grid solar-powered containers for fast charging



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The solar system installed at Balibaseka Secondary School is a 12-kilowatt plant supported by a 19-kilowatt-hour battery, enabling the girls' dormitory to function throughout the day without grid

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Solar briefcases power up learning in rural Ugandan schools The solar suitcase project aims to close the education-energy gap in underprivileged areas with limited access to electricity.

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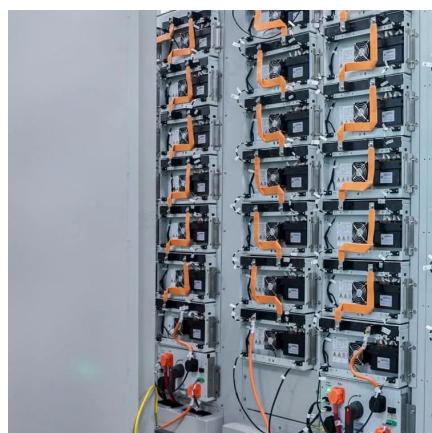
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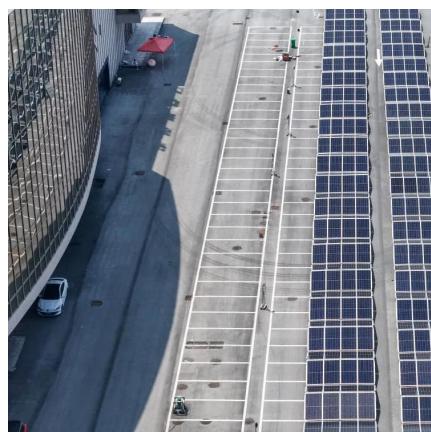
US 7th graders build solar suitcases to power 40 Ugandan refugee schools These solar suitcases will provide light for studying, charging phones, and powering essential devices.

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