



**SolarTech Power Solutions**

# **Mauritania non-energy solar inverter**



## Overview

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### What is Mauritanian solar energy?

This 50 MW solar energy plant, funded by both the Mauritanian government and the Arabic Fund for Economic and Social Development with a \$53 million investment, is made up of 540 panels and a 33-kVA transformation station. The plant not only expands access to electricity in the country, but also promotes the use of clean, green energy.

### What is the future of solar energy in Mauritania?

The future of solar energy in Mauritania is bright, and the country is well on its way to becoming a leader in renewable energy production. With ongoing solar energy projects and Green Hydrogen Projects, residents can look forward to a cleaner, more sustainable energy future.

### Why should Mauritania invest in wind & solar energy?

Mauritania has high-quality wind and solar resources whose large-scale development could have catalytic effects in supporting the country to deliver universal electricity access to its citizens and achieve its vision for sustainable economic development.

### Does Mauritania have a solar power plant?

In the last ten years, Mauritania has made several leaps in the field of developing the exploitation of solar energy, in cooperation with international partners such as the Arab Fund for Economic and Social Development, Masdar Abu Dhabi. Sheikh Zayed Solar Power Plant, a 15 MW facility in Nouakchott, is the first utility-scale one in Mauritania.

### How much electricity does Mauritania produce?

Mauritania produces over 5% of its electricity through solar energy, generating more than 75 megawatts of electricity annually. This is a testament to the government's commitment to utilizing renewable energy

sources and reducing its carbon footprint.

Can Mauritania harness wind energy?

Mauritania also possesses significant potential for harnessing wind energy. The country is blessed with strong and continuous wind most days of the year, with an average wind speed of 7 meters per second. This makes it ideal for both onshore and offshore wind farm development.

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### Contact Us

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