

## SolarTech Power Solutions

# Oman container power generation



## Overview

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SOHAR Port and Freezone, a major deep-sea port and free zone in Oman, has signed a development agreement with Oman's Moonrock Research and Development and Denmark's PowerCon to establish shore power infrastructure at its container terminal. Moonrock R&D will serve as the lead investor, while.

Oman's growing demand for power generation equipment containers reflects its rapid industrialization and commitment to renewable energy integration. With Vision 2040 emphasizing sustainable infrastructure, modular power solutions have become vital for both urban projects and remote installations.

Oman aims for 30% of its installed capacity to come from renewable sources by 2030, up from just 7.2% today. Wind and solar will play a vital role in this scale-up, but while Oman has a robust grid transmission and distribution system between the main cities, it struggles to connect to rural areas.

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Oman's Sohar Port and Freezone is moving closer to enabling container ships to draw electricity while berthed at the container dock at Sohar. It has signed an agreement with Moonrock and the Danish firm PowerCon to establish shore

power infrastructure, Sohar Port and Freezone said in a LinkedIn.

acity (kWh/kWp/yr). The bar chart shows the proportion of a country's land area in each of these classes and the global distribution of land area across the class t a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the global.

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