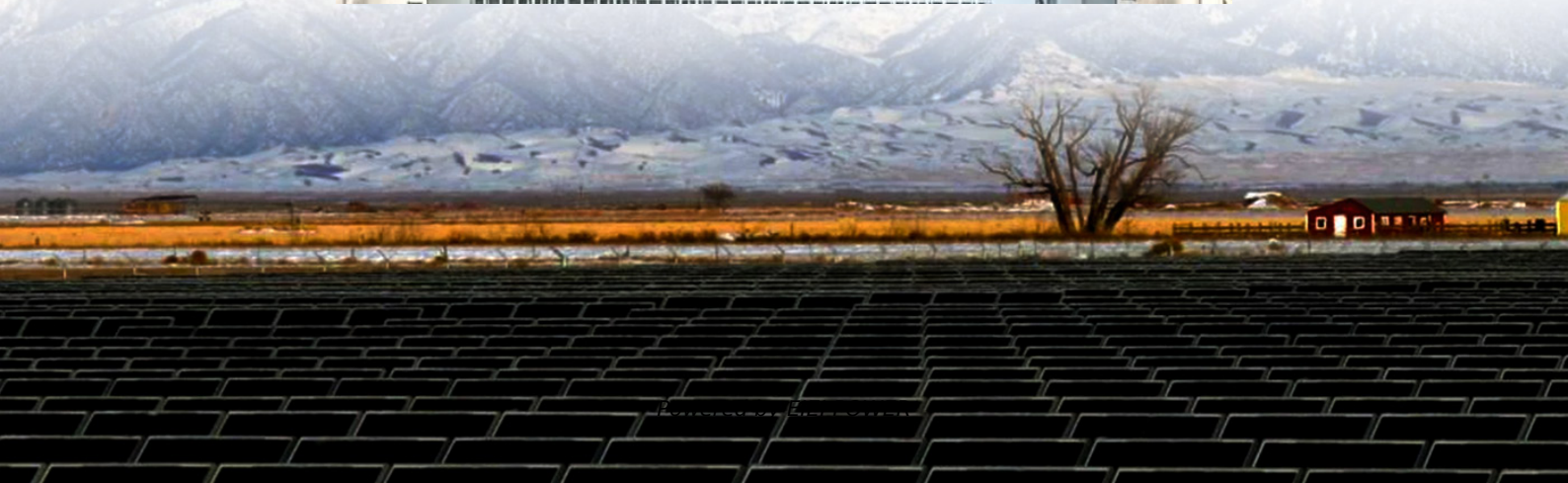
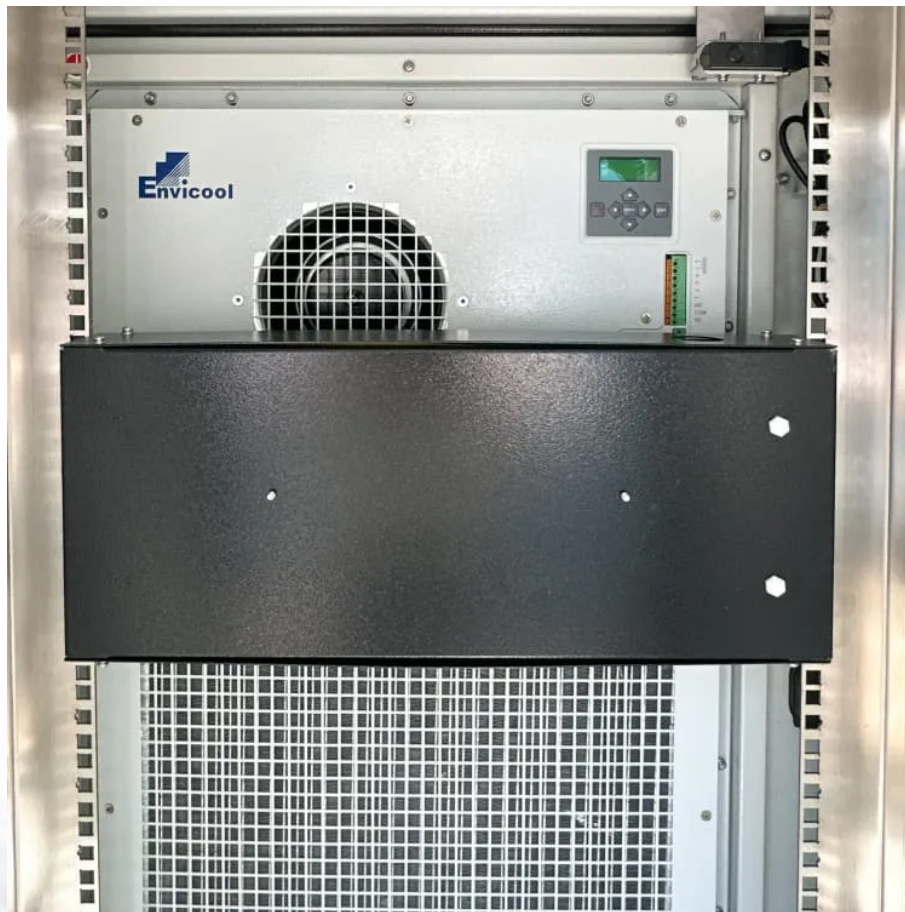


# **Technical parameters of Saudi Arabia s long-term solar-powered container**





## Overview

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Saudi Arabia plans to shift a large portion of its domestic energy production away from fossil fuel towards solar energy by 2030. Yet, the solar energy pool is mainly targeting photovoltaic technology. This study ana.

Why is Saudi Arabia interested in solar energy?

Saudi Arabia, the epicenter of global oil industry, has been showing keen interest in solar energy in recent years. Saudi Arabia has one of the world's highest solar irradiation in the world, estimated at approximately 2,200 thermal kWh of solar radiation per m<sup>2</sup>.

Is concentrated solar power a viable option for Saudi Arabia?

In addition to solar PV, concentrated solar power (CSP) is an interesting option for Saudi Arabia due to its strong dependence on desalination plants to meet its water requirement. Waste heat of a CSP plant can be used to power seawater desalination projects.

What does Vision 2030 mean for Saudi solar energy?

The newly launched Vision 2030 document puts forward a strong regulatory and investment framework to develop Saudi solar energy sector, financed in part by \$2 trillion sovereign fund.



## Technical parameters of Saudi Arabia s long-term solar-powered co

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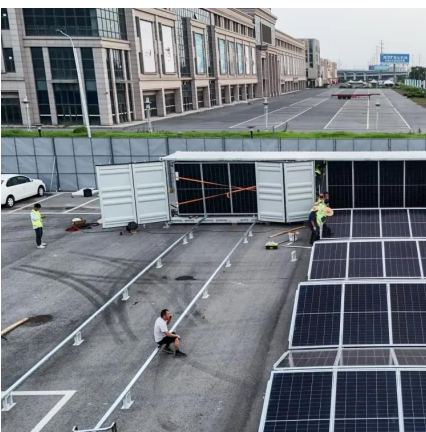


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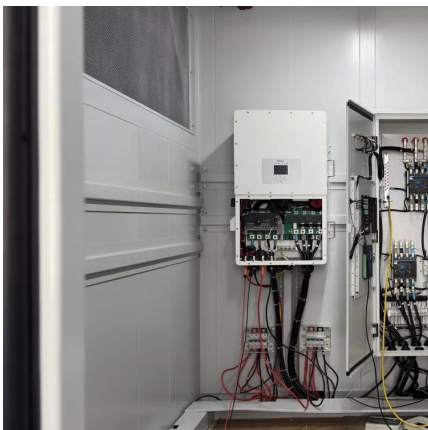
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