

SolarInnovate Energy Solutions

Jordan uses outdoor power

Nominal Capacity

280Ah

Nominal Energy

50kW/100kWh

IP Grade

IP54



Overview

Can Jordan improve energy security?

Jordan has significant potential to succeed in scaling up its use of renewables, particularly in electricity generation, which could reduce energy prices for consumers and improve energy security.

How is electricity used in Jordan?

Table 3: Electricity consumption by sector (in GWh) 2008-2013 The Jordanian national interconnected grid transmits electricity from the power stations to the distribution substations and transformer substations in the various regions of the kingdom via 400-kV and 132-kV power lines.

What is the primary energy supply in Jordan?

illustrates the breakdown of total primary energy supply in Jordan by source. Imported natural gas and oil still account for approximately 76% of the electricity generated. Domestic resources, including renewable and traditional energy sources, represent 22% of the energy supply.

How can Jordan overcome its energy challenges?

According to a NEPCO report (NEPCO 2023), electricity consumption was consistently rising, with an increase of 3.7% and 5.7% observed in 2021 and 2022, respectively. Jordan can overcome its energy challenges by diversifying the country's energy mix and boosting renewables investment (IRENA 2021).

How much energy does Jordan need?

The limited domestic resources meant that Jordan had to import 7,656 ktoe (thousand tonnes of oil equivalent) of energy to meet its demands. This means that the cost of the consumed energy amounts to as much as 17% of the GDP. In the past, one of the main sources of the imported energy was Egypt, from where Jordan imported natural gas.

Does Jordan have geothermal energy?

Geothermal energy is a promising renewable energy resource that Jordan has recently started considering. The country has geothermal sources such as hot mineral water in springs and wells along the Rift Valley.

Jordan uses outdoor power



Wheeling energy, wielding power: unsettling community in Jordan...

Feb 17, 2025 · Across the peri-urban hillsides of Jordan's capital city, Amman, olive orchards and grazing lands are increasingly interspersed with glittering rows of solar photovoltaic (PV) ...

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://institut3i.fr>