



# Solar power with grid backup in Jordan





## Overview

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Jordan's renewable energy sector underwent significant transformation in 2024. The Ministry of Energy and Mineral Resources (MEMR) introduced the updated Renewable Energy and Energy Efficiency Law (12) of 2024, followed by Bylaw (58) of 2024. Effective September 2024, prosumers in Jordan can now.

Across the hillsides and outskirts of Jordan's capital city, Amman, olive orchards and grazing lands are increasingly interspersed with glittering rows of photovoltaic (PV) panels that power solar wheeling systems. Wheeling systems are a legal-financial arrangement that enable commercial entities.

This article provides a practical assessment of Jordan's electrical grid for prospective solar manufacturers, examining the realities of the power supply in key industrial zones and outlining the strategies needed to ensure the uninterrupted production essential to profitability. Jordan's national

Jordan is one of the leading countries in the region in renewable energy (RE) adoption and clean energy growth. Solar or wind energy powers approximately 29 percent of the electricity grid and Jordan aims to reach 50 percent of electricity from renewables by 2030 through a focus on smart grid.

Jordan's high irradiance, compared to its Gulf Cooperation Council (GCC) neighbors, makes the country "an interesting place to invest," according to a local renewables analyst and policy expert who spoke to pv magazine anonymously. High sunlight with moderate temperatures means solar yield is.

Jordan Energy is a specialized EPC (Engineering, Procurement, and Construction)



and O&M (Operations and Maintenance) contractor focused on solar power and advanced energy storage solutions. With a strong foundation in solar implementation and decades of experience in the electrical sector, we are.



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## Grid

Jordan faces formidable challenges in integrating renewable energy into its national power grid, primarily due to inadequate grid capacity and reliability.

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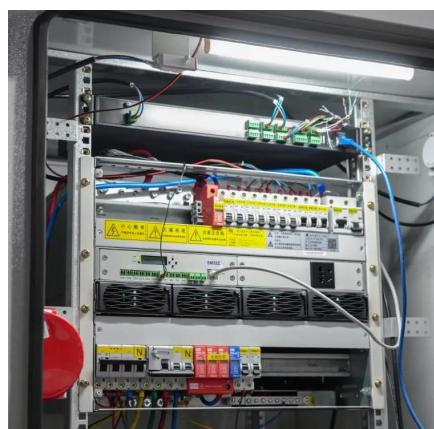
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