

## SolarTech Power Solutions

# Morocco container power generation prices



- ✓ 100KW/174KWh
- ✓ Parallel up-to 3sets
- ✓ IP Grade 54
- ✓ EMS AND BMS



## Overview

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How can Morocco improve the security of the energy supply?

The Government of Morocco seeks to increase the security of the energy supply by reducing dependence on imports, including increasing the use of renewable sources for electricity production. As of the end of 2023, the share of renewable energy in the electrical capacity mix stood 11.42 GW (ANRE data).

How will Morocco diversify its energy mix?

In order to meet the growing demand for electricity and address certain issues arising from the significant expansion of renewable energy, Morocco plans to diversify its generation mix by increasing the use of liquefied natural gas (LNG).

Will Morocco's new LNG terminal leave its power generation sector overly exposed?

Morocco's new LNG terminal might leave the country's power generation sector overly-exposed to volatile fossil fuel imports at the expense of domestic renewable sources, experts warned.

How has GIS impacted the energy sector in Morocco?

Morocco has successfully employed GIS to advance large-scale renewable energy projects, particularly in the power sector, by optimizing the siting and development of solar and wind energy installations.

How much energy does Morocco need?

Additionally, Morocco remains highly dependent on energy imports, which accounted for nearly 90 % of its energy needs in 2022, leading to a net import balance of 1,397 GWh of electricity. This dependence cost Morocco approximately \$11.5 billion—equivalent to 85 % of its hard currency reserves—with electricity generation alone costing \$2.6 million.

Will Morocco decarbonize its electricity generation by 2030?

Morocco is implementing ambitious plans to decarbonize its electricity generation within the power and integrated energy sectors. By 2030, the Kingdom aims to achieve a 52 % share of renewables in its electricity production mix, with total generation projected at 61 TWh.

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## Contact Us

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