

Solar power system prices in Tunisia





Overview

Does Tunisia have a good solar energy potential?

Tunisia has very good solar radiation potential which ranges from 1800 kWh/m² per year in the North to 2600kWh/m² per year in the South. Tunisia has 1,800MW of solar energy potential which is until now yet to be harnessed.

How much sunlight does Tunisia get per year?

There is an average of 2993 hours of sunlight per year. 1 Tunisia boasts an impressive solar energy potential, with an average annual global horizontal irradiance (GHI) of approximately 1850 kWh/m². This abundant solar resource translates to an average annual energy production of solar photovoltaic (PV) systems of around 1650 kWh/kWp/yr.

How much electricity does a solar system produce in Tunisia?

In other words, for every kilowatt-peak (kWp) of installed solar capacity, the system can generate approximately 1650 kilowatt-hours (kWh) of electricity per year. 2 As of March 2022, the price of electricity in Tunisia stood at \$0.07 per kilowatt hour (kWh) for households, making it an affordable option for residential consumers.

What are the applications of solar energy in Tunisia?

The applications of solar energy in Tunisia are diverse. Solar PV systems are increasingly installed in residential, commercial, and industrial settings to generate electricity. Large-scale solar farms, such as the Tozeur photovoltaic plant, feed into the national grid, enhancing energy availability.



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[Solar Energy in Tunisia: Literature Review](#)

This literature review describes the basic concepts of solar energy and the production of electricity using the photovoltaic effect in the case of Tunisia. The main elements ...

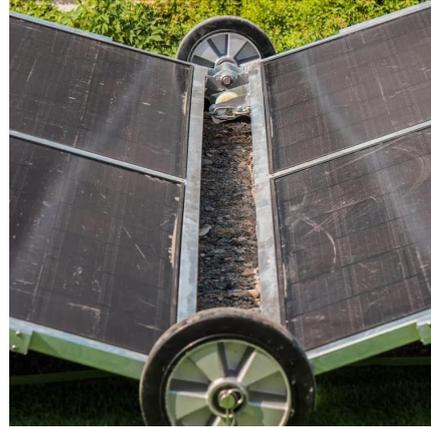
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Prix des Panneaux Solaires Photovoltaïques en Tunisie en 2025

De plus, le prix de l'électricité en Tunisie peut également influencer la rentabilité d'une installation solaire. Il est donc conseillé de comparer les prix des panneaux solaires et ...

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[average solar plus storage price per 800MW in Tunisia](#)

Tunisia's climate presents a key solar energy opportunity and, together with an improved investment framework and a highly skilled workforce, the country should be well positioned ...

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Solar Energy

In Tunisia, electricity generation within the Solar Energy market is projected to reach 170.83m kWh in 2025. The country anticipates an annual growth rate of 1.71%, which represents the ...

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Wind Energy in TunisiaSolar Energy in TunisiaTunisian Solar ProgramTunur Concentrated Solar Power ProjectFuture PerspectivesTunisia has good renewable energy potential, especially solar and wind, which the government is trying to tap to ensure a safe energy future. The country has very good solar radiation potential which ranges from 1800 kWh/m² per year in the North to 2600kWh/m² per year in the South. The total installed capacity of grid-connected renewable power plan See more on ecomena solar-system

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