

ContainerPower Energy Solutions

Tunisia solar integrated home machine



Overview

Who is building TuNur solar power in Tunisia?

Currently, the British group NurEnergie (Figure 5) is planning to build the 4.5 GW TuNur solar power project in the governorate of Kebili, an integrated solar energy project linking Tunisia's sunny desert to European electricity markets.

Why is solar energy important in Tunisia?

Solar energy also contributes to Tunisia's economic development. Expanding the solar energy sector creates job opportunities in manufacturing, installation, maintenance, and research. It attracts foreign investments, particularly in large-scale solar projects like photovoltaic (PV) farms and concentrated solar power (CSP) plants.

Can Tunisia harness solar energy?

Abstract: Solar energy holds immense potential for Tunisia, a country blessed with abundant sunshine. With an average of over 3,000 hours of sunlight annually, Tunisia is ideally positioned to harness solar power to meet its energy demands sustainably.

When was photovoltaic installed in Tunisia?

The very first photovoltaic installation, at HammamBiadha (Siliana governorate), dates back to 1980, with a capacity of 30kWp. Subsequently, a 2MWp photovoltaic park was created to electrify certain rural areas. The Tunisian government is encouraging investment in the photovoltaic sector by covering 30% of the investment costs.

What technology is used in Tunisia?

Tunisia has been using this type of technology since the end of the 1970s (HendiZitoun photovoltaic pump at the CRGR), following the 1st oil crisis. The HammamBiadha solar village experiment also used this type of pumping, but without much success.

How does Tunisia invest in the photovoltaic sector?

The Tunisian government is encouraging investment in the photovoltaic sector by covering 30% of the investment costs. In addition, STEG buys the surplus electricity produced.

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