

How much does a solar panel cost in Syria?

The price of a panel capable of charging a small battery and lighting a room is about 80,000 Syrian pounds, regardless of its quality, while the monthly salary of her husband, who is an employee in an agricultural establishment affiliated with the Syrian regime, is about 110,000 Syrian pounds.

Why are Syrians using solar panels?

Cut off from the power grid and with fuel costs soaring, Syrians in a poor, embattled enclave have turned en masse to solar panels to charge their phones and light their homes and tents. Solar panels covering rooftops, some of which have been damaged in government attacks, in Binnish, Syria.

Are solar panels a better option than losing electricity in Syria?

According to an opinion poll conducted by Enab Baladi, a number of Syrians residing in various governorates considered that alternative energy through solar panels is a better option than losing electricity despite its high costs and regardless of the controlling parties.

Are solar panels a viable alternative energy source in Syria?

As an option that seemed to be one of the best alternative energy sources in Syria, reinforced by the absence of fuel, the spread of solar panels began in most regions, respectively, years ago, amid "government" support and adoption of this trend.

Where does solar energy come from in Syria?

The use of solar energy spreads from northwestern Syria, which started relying on solar power around 2016, passing through areas in the north-east, ending with the areas under the control of the Syrian regime, which directed a clear trend to generate electricity through them, not only in large industrial facilities but even in homes.

Is Syria a good country for solar energy?

Regarding wind energy, which is the second source of energy, Syria is not considered one of the countries that have a sufficient amount of wind throughout the year to produce electricity, and therefore the solar energy situation is regarded as the best in it.

Locals value the solar panels in Syria despite a high initial investment cost. In interviews with The New York Times, many locals described the panels as "god-sent." After the initial investment, solar panels are a virtually cost-free source of electricity. Thousands of locals now use solar panels to power their lights and electronics.

Community initiatives like Khirais' solar panel tap into Syria's high potential for solar energy, enabling people to shift away from fossil fuels, which will reduce emissions, provide decentralised energy, reduce air ...



## Solar packages prices Syria

The Syrian Ministry of Electricity is currently managing the construction of a 100kW solar power plant in the town of Sargaya, which is scheduled to be completed by the end of 2023. The project is estimated to cost more than SYP 81 billion (equivalent to around GBP 125 billion) and to have an annual production of 150,000 panels.

Solar energy usage has increased across northwest Syria, despite the risks, as the destruction of power stations has led to constant power cuts while fuel hikes have left millions unable to afford alternate means of energy.

Community initiatives like Khirais" solar panel tap into Syria's high potential for solar energy, enabling people to shift away from fossil fuels, which will reduce emissions, provide decentralised energy, reduce air pollution and enable vulnerable communities to deploy cost-effective energy solutions.

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In emergency situations (lack of diesel), the solar system with energy storage will continue to supply electricity to the hospital's critical sections: intensive care units, operating rooms, and emergency departments. The cost of the pilot project was roughly \$400,000 USD.

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Syria receives high levels of solar irradiation (GHI) of 5.5 kWh/m<sup>2</sup>/day and specific yield 4.9 kWh/kWp/day indicating a strong technical feasibility for solar in the country.<sup>5</sup> Syrian government has forecasted that electricity generation is set to grow from 20 BUS in 2021 to 60 BUS in 2030

Discover the best solar solutions for your energy needs in Syria. Our high-quality solar panels harness the power of the sun to provide clean and sustainable energy for your home or business. Save on electricity bills and reduce your carbon footprint with our reliable solar panel systems

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