

Solar panels installed on rural roofs in Damascus

Where do solar panels come from in Syria?

However, renewable energy equipment does not enter Syria easily. Four importers we spoke to confirmed that most solar panels and batteries are shipped from China to Syria through Jebel Ali Port in the UAE or, at times, the Port of Aqaba in Jordan.

Is solar energy a solution to Syria's electricity crisis?

After more than thirteen years of war, Syria's electricity crisis has only deepened, compounding the suffering of its people. The former Assad government failed to secure stable energy supplies, and as shortages worsened and fuel prices soared, the regime turned to solar energy projects as an alternative, seeking to mitigate the crisis.

Is solar energy a viable option in Syria?

As the electricity crisis worsens, solar energy is no longer just an option - it has become an unavoidable necessity. Yet the high cost of installing photovoltaic systems has pushed many Syrians to rely on subsidized loans, particularly those provided by the Renewable Energy Support Fund, which offers interest-free financing.

How to get a solar loan in Syria?

By February 2023, branches of the Syrian Commercial Bank began accepting applications for renewable energy loans. According to the official process, applicants submit a request to the Fund, which determines the financing ceiling based on a technical study of the required solar system.

Ahmed al-Nasser, a sales manager at a small company established in 2021 in Damascus countryside, which imports solar panels, explains the bureaucratic bottlenecks: ...

An aerial view shows solar panels installed on building rooftops in Damascus, Syria, Monday, June 30, 2025. [Photo: Ghaith Alsayed/AP Photo]

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"The solution to the problem isn't putting solar panels on roofs," Syria's interim Energy Minister Mohammad al-Bashir told The Associated Press. "It's securing enough power ...

It proposes the construction of three 100 MW PV solar plants strategically located near Aleppo, Damascus, and Homs, with future expansion plans to include Deir ez-Zur and ...

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Ideally tilt fixed solar panels 28°; South in Damascus, Syria To maximize your solar PV system's energy output in Damascus, Syria (Lat/Long 33.5194, 36.2888) throughout the year, you ...

Workers install solar panels atop a building in the Damascus, Syria, July 23, 2022. Solar power systems are becoming more popular in Damascus as a result of the long power cuts.

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Syria is building a 100-megawatt solar power station near Damascus to boost its renewable capacity. Learn how this project enhances energy security and sustainability.

To overcome these challenges, UNDP installed residential solar panels with a capacity of 125 kilowatts for over 140 personnel across nine governorates to enable them to ...

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Due to the individual and random use of this energy, roofs become an overlapping network of solar panels (photovoltaic and thermal), regardless of the visual deformation they ...

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