

# Analysis of Photovoltaic Panel Market in Pakistan

What is the solar PV market in Pakistan?

According to GlobalData, solar PV accounted for 3% of Pakistan's total installed power generation capacity and 0.98% of total power generation in 2021. GlobalData uses proprietary data and analytics to provide a complete picture of this market in its Pakistan Solar PV Analysis: Market Outlook to 2035 report. [Buy the report here.](#)

What is Pakistan's new solar PV auction plan?

In August 2023, the Government of Pakistan designed a new solar PV auction plan to deploy 9 gigawatts of solar PV power. This clean energy initiative will involve installing 6 gigawatts of large-scale solar PV projects, 2 gigawatts of medium-scale solar PV projects, and 1 gigawatt of rooftop solar PV capacity.

What is photovoltaic & concentrated solar power market research report?

The market research report covers market dynamics, growth potential of the photovoltaic (PV) and concentrated solar power (CSP) markets, economic trends, and investment & financing scenario in the Pakistan.

What is the outlook for solar PV installation?

According to Blackridge Research, the outlook for solar PV installation remains strong in the medium term, and the market is expected to expand during the forecast period due to compelling economics, and decarbonization commitments by various stakeholders.

Is solar PV a viable long-term solution to Pakistan's energy needs?

The country has been facing a significant energy deficit for the past decade, with power shortfalls standing at 5 GW<sup>8</sup> and load shedding across the country varying between 5 to 12 hours a day, with rural areas bearing the brunt of load shedding. Solar PV could be a viable and cost-effective long-term solution to meet Pakistan's energy needs.

Are PV panels imported into Pakistan?

Apart from minor accessories such as wiring and panel mounting structures, 80 percent of PV components are currently being imported into the country. Currently, five companies in Pakistan are conducting the local 'assembly' of panels. However, imported panels are preferred. The PV panel landscape in the country is provided in Figure 9 below.

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Web: <https://www.publishers-right.eu/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

