

Solar Storage Container Solutions

Pakistan Solar Intelligent Control System Production



Overview

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 GW⁸ 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.

How to finance a solar PV project in Pakistan?

6 percent for solar PV projects up to 50 MW. Based on past trends, industry prefers to install reliable and high-quality components to ensure project bankability. Financing through recently- announced scheme for RE project financing by State Bank of Pakistan. Loans offered at 6 percent for solar PV projects up to 50 MW.

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.

Which inverter imports the most in Pakistan?

Chinese inverters have the highest share of imports in Pakistan, which has increased between 2014 and 2016, as can be seen in Figure 13 below.

Does Pakistan have a high-quality PV system?

Pakistan has a huge PV potential and all the necessary conditions for its implementation: high radiation yield, a regulatory framework and financing instruments that support its development. However, the level of awareness of quality of PV is very low and customers are still not aware of the benefits of

high-quality products.

What is the share of renewables in Pakistan?

The share of renewables in Pakistan has been steadily increasing each year, with 1136 MW of renewables having been installed by 2016 (primarily PV, biogas and wind projects). During the last year, i.e. 2015-16, there has been a promising increase in the share of renewables, with 728 MW of renewables added.

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