

Solar panel installation guide pdf





Overview

How to install solar panels?

Install solar modules facing south, if possible. Installations facing east and west are also possible, although the amount of power generated will be lower. Check the roof from a southern orientation, and check for obstacles that will cast a shadow. These factors will lower the amount of power generated.

What is included in a solar installation manual?

This installation manual contains important electrical and mechanical installation information as well as safety information that you must be familiar with, providing important safety instructions for the installation, use and maintenance of solar modules.

What is included in the JA Solar installation manual?

Thank you for choosing JA SOLAR modules! This Installation Manual contains essential information for electrical and mechanical installation that you must know before handling, installing JA Solar Modules. This Manual also contains safety information you need to be familiar with.

How do I install JA Solar panels?

JA solar recommends installing the modules with a tilt angle of at least 10 degrees, making it easier for dust to be washed off by rain. Ensure the installation method and supporting system of modules is strong enough to make the modules can withstand all the load conditions. The Installer must provide this guarantee.

How do I install a solar PV system?

Determine the wind loads for the installation site. Check with your local building and safety department for the specific requirements. Make certain that the roof structure can support the live and dead loads resulting from the installation of the PV array. Consult with a professional engineer if additional



assistance is required.

Which direction should a photovoltaic module be installed?

When installing photovoltaic modules in the northern Hemisphere, the optimal installation direction of the module is to face south; When installing photovoltaic modules in the Southern Hemisphere, the optimal installation direction of the module is to face north. Serial connected PV modules should be installed in the same orientation and Angle.



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