

## A-Core Container

# Special installation of double-glass modules



## Overview

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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 and installing JA Solar Modules. This Manual also contains safety information you need to be familiar with.

Where can JA Solar modules be installed?

JA Solar Modules can be installed at seaside locations 50m to 500m from the sea, but the components should be protected against corrosion. For the detailed requirements, follow JA Solar seaside installation instructions. Modules cannot be applied for some special requirements, e.g. for buildings, marine and vehicle applications.

How do JA Solar modules work?

The junction boxes used with JA Solar modules contain bypass diodes wired in parallel with the PV cell strings. In the case of partial shading, the diodes bypass the current generated by the non-shaded cells, thereby limiting modules heating and performance losses. Bypass diodes are not over-current protection devices.

Do JA Solar modules corrode?

JA Solar modules have passed the IEC 61701 salt-mist, but galvanic corrosion can occur between the aluminium frame of the modules and mounting or grounding hardware if such hardware is comprised of dissimilar metals.

Do JA Solar modules need a grounding conductor?

The grounding is only used on the framed bifacial modules. JA Solar modules use an anodic oxidized aluminium frame to resist corrosion. So the frame of modules must be connected to the equipment grounding conductor to prevent

thunder and static hurt.

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### Contact Us

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