



SOLPOD

Ground



Ground



Fast, low cost, low risk

Minimal site preparation: each pod is supported on two height-adjustable cross-beams on four rammed posts, which can accommodate uneven ground.

Low geotech risk: Solpod's 10-degree dual-tilt design means lower wind loads, so rammed posts are smaller and shallower. Each post can be re-located if they strike rock, e.g. to the other side of the cross-beam, or up to 200 mm along the cross-beam. As a backup, a rammed post can be replaced with a ballast block.

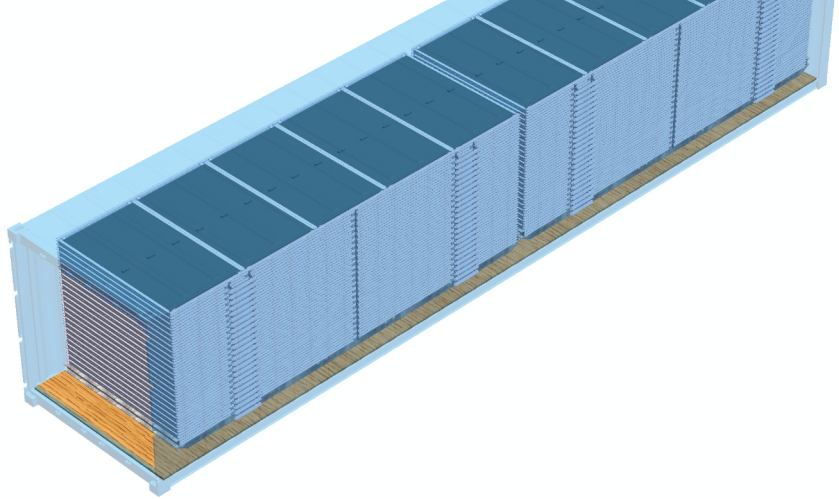
Low soiling or flood risk: solar panels are held 1 metre up off the ground, minimising accumulation of wind-blown dust, and allowing low level flooding to flow underneath.

Best-practice OH&S: pre-assembled pods are lifted into place using a crane - no need to carry, lift and fasten each individual panels.

5x better install labour productivity (MW per person-day) compared with single axis trackers

Containerised

25 pods (137 kW) are stacked on a single pallet; two pallets (275 kW) are packaged inside a standard 40' container. At the installation site the pallets are pulled out of the container and then positioned around the solar farm, ready for placement.



Containers securely deliver product to site

Crane into place

Pods are lifted into place using a 30 tonne all terrain mobile crane.

Each pod can be picked up and moved without risk of damage to panels or frame.



Crane unfolding a pod onto a subframe

TECHNICAL DATA

General and mechanical

- Tilt: 10-degree back-to-back
- Configuration: 10 modules in each Solpod frame
- Array height: 1 to 1.4 metres
- Dimensions of one Solpod: 5674 × 4400 mm
- Materials, beams: ZAM coated steel beams
- Materials, brackets and fasteners: ZAM coated steel, aluminium, stainless steel
- Foundations: rammed posts or ballast blocks
- Slope: up to 15% north-south and 15% east-west
- Ground coverage: typically 80-90%

Electrical

- Modules: JA Solar JAM60D42LB
- Rating of one Solpod: 5.35 kW_p

Service, warranty, and standards

- Frame engineering: professional engineer stamped design package standard
- Foundation engineering: professional engineer stamped design package standard available
- Warranty: 10-year structural, extended warranty available
- Codes and standards: AS/NZS 1170.2:2021 on wind actions

