

PV-ezRack SolarTerrace V

Utility scale ground mount frame with time saving smart design



PV-ezRack SolarTerrace V

PV-ezRack SolarTerrace V is developed for utility scale PV-deployments with panels in landscape orientation. The system offers a wide range of adjustability, easy deployment and enables the implementation of large arrays. STV is a simple and robust structure so it can be installed even with untrained labour forces. All these features result in fast, easy and cost efficient installation. Main aluminium components have a standard 10µm anodisation.

Main Benefits

Post-head adjustability

The smart design of the Post head provides adjustments in all directions to balance out inaccuracies which often occur through the nature of the ramming process. These generous adjustments allow easier and quicker installation.

Easy deployment

The connection between the main beams (Clipped T-rail 160) and the Post head is using special, spring supported rail clamps which easily slide and clip on to the bottom of the rail eliminating the often used and time consuming nut and bolt connection.

Utility optimised large arrays

STV is designed for utility scale applications and therefore offers large arrays, huge horizontal spans combined with up to 6 landscape panels (72 cells) in one row. Furthermore the design allows the panel rows to be pre-assembled to the rails off-site in controlled environment. All this saves valuable installation time on-site and increases efficiency during installation.

Simplicity

Sometimes bill of materials can be confusing and complicated. Not with Clenergy, on a basic BOM for STV you will only find 8 components. Keeping it simple and transparent helps all parties to understand and work with the product better.

10 Year
Warranty*

Utility

Commercial

*see Clenergy PV-ezRack warranty for further details



ER-R-T110

T-rail 110

The rail profile has been specifically developed to achieve larger spans, reducing the number of posts to be installed. The T-rails have a Z-Module channel for panel mounting and are secured with the T-Rail Clamps to the Clipped T-Rail 160.



ER-RC-T

Rail Clamp for T-Rail

The Rail-clamps here establish a secure connection between Clipped T-rail 160 and T-Rails 110 with our patented Z-Module technology. Available with grounding pins for earthing.



ER-R-T160

Clipped T-Rail 160

This is a sturdy aluminium profile from structural grade (AL6005-T5) anodised aluminium which allows large spans. The base of the rail is designed for easy connection with the clips of the Post-head



ER-CP-140

C post 140

Purpose developed robust post with industry leading 80µm galvanisation thickness as standard to ensure a long life cycle. Designed for easy connection with the clips of the Post-head.



ER-PH-CP/140

Post Head for C-post 140

Connection between the post and the T-rail 160. This is a completely pre-assembled post-head with adjustment options in all directions, which installers require to provide the solid but flexible base for a straight array. It has special spring supported clips to allow smooth and quick fixing to the Clipped T-Rail 160.



ER-IC-ST

ER-EC-ST

Inter and End clamps

The PV-ezRack inter- and end clamps offer a simple, easy to use and robust fixing of the PV panels (all sizes) using the patented Clenergy Z-module. Compatible clamps for thin film modules are available.

Available accessories

- Grounding/earthing
- Cable clips
- Cable trays
- Inverter/joint box bracket

Materials

AL6005-T5 | SUS304 | Q253B

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 Warranty*