

PV-ezRack STII-H

The Clenergy STII-H ground mount PV mounting system is ideal for large-scale installations for both commercial and power plants. This ground mount solution adopts the engineered single column piling installation method. It consists of aluminum alloy track and steel support frame (hot-dip galvanized) for rugged durability. Long life and outstanding performance are ensured by our strict quality control over raw material, product purchasing and production. Its unique design for quick installation makes sure the efficiency in assembly time that reduces both man-hours and labor cost.

Main Benefits

Fast and simple Installation

- High-quality single column piling minimizes the number of piles needed per array.
- Innovative easy-click rail fixing attachments and the omega-shaped nut enable quick and easy installation.
- Rails can be easily slid in both directions for proper alignment.

High quality engineered structure

- STII-H is durable even in harsh environments. It is designed to accommodate a project's unique wind and snow factors as well as site conditions such as slope.
- Anodized aluminum and hot-dip galvanized steel parts make it suitable for even the toughest corrosive environments.
- Pre-engineered tilt angles (5° to 35°) facilitate a higher ground-coverage ratio based on site-specific conditions.
- Ground clearance of 800mm to 1,000mm minimizes vegetation shading issues. Easy site maintenance reduces O&M costs.
- The system features integrated grounding through WEEB Clips.
- The STII-H system is a universal structure that is compatible with the frames of most major brands on the market.

Strict quality control

Clenergy conducts strict quality management and control of its raw materials as well as its purchasing and production processes to guarantee the structural integrity and service life of its manufactured systems.

10-year quality warranty

Clenergy provides a quality warranty period of 10 years for its products.



ER-IC-OM

Omega Inter/End clamp

The Inter and End clamps are simple and easy to use and ensure the robust fixing of PV panels of all sizes using the omega-shaped nut. Compatible clamps for thin-film modules are also available.



ER-EC-OM

ER-R-A80

A-rail 80

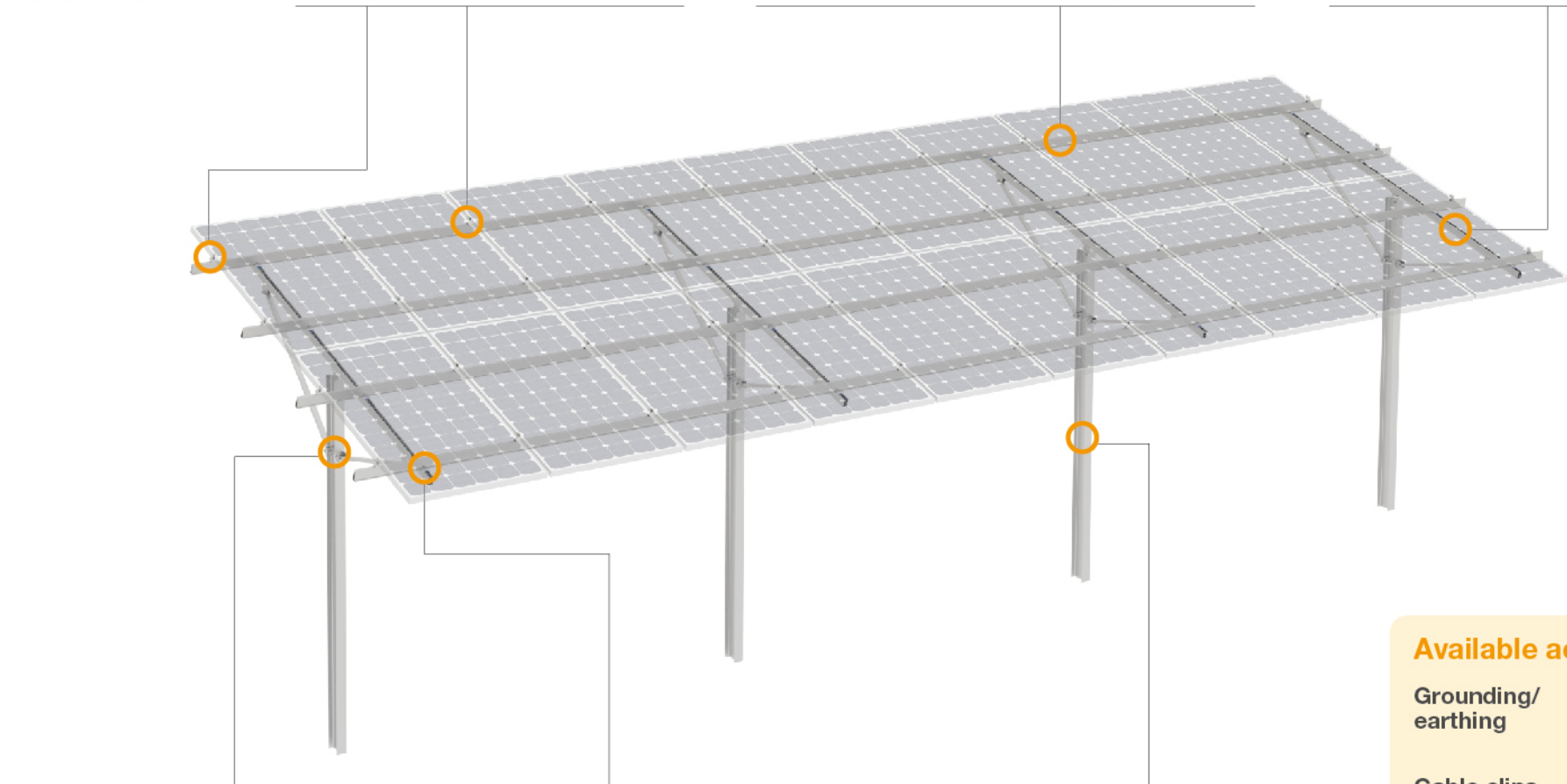
High-quality aluminum alloy A-Rails are used for carrying solar panels. The triangular shape matches the omega clamp and maximizes rail strength. The optimized design provides customers with the most cost-effective products.



ER-R-C41/62

C-steel 41*62

Galvanized C-steel is an important part of the system and is used to support solar modules. It significantly improves corrosion resistance.



ER-PB-STIIH

Joint for Rectangular Tube 40*25

Punched metal sheet joints, symmetrically fixed, are solid, reliable and material saving.



ER-RC-A

Rail Clamp for A-Rail

The clamp is used to fix the A-Rail to the C-steel beam. Pre-assembled clamps improve installation efficiency and reduce labor costs.



ER-IB-150/75

I 150*75 Beam

Galvanized steel beams in the main part of the system, support the upper part. The rugged mechanical structure is suitable for ground piling and greatly improves corrosion resistance.

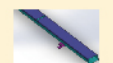
Available accessories

Grounding/earthing

Cable clips



Cable trays



Inverter/joint box bracket

Materials

AL6005-T5 | SUS304 | Q235B

65-100µm galvanisation and 10µm anodisation thickness as standard

10 Year
Warranty*

Utility

Commercial



*see Clenergy PV-ezRack warranty for further details

Clenergy
Innovating renewable energy