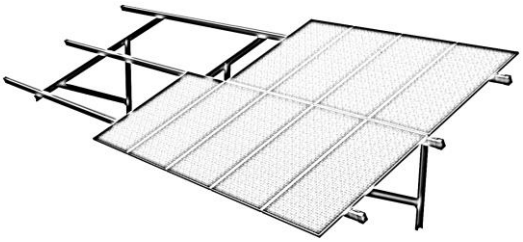
AXE | STRUCT



# AXE$^{GM}$

## Ground Mount - Exclusive

**Durable**
Aluminium and hot-dip galvanised steel for the toughest environmental conditions.

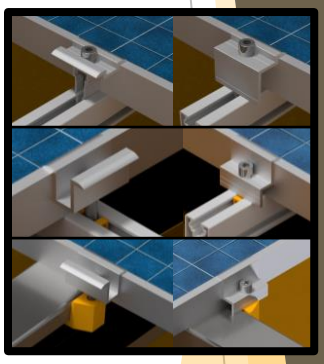
**Economical**
Cost competitive, functional design with minimal number of tools needed, reducing installation costs.

**Trust**
Conservative coefficient selections in structural design to assure resistance to failure.

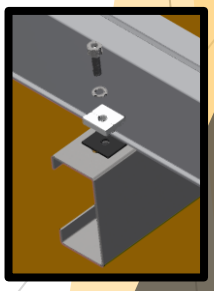
**Effortless**
Innovative design for time saving installation methods with a modular and practical integrated solution.

| | |
|---|---|
| **Additions** | Cable trays along rails and cable clips to panel frames<br>End caps for rails |
| **Sway prevention** | Cross brace in selected bays<br>Available in either cables or angles |
| **Module layout** | Landscape / Horisontal: Up to 6 high<br>Portrait / Vertical: Up to 3 high |
| **Module inclination** | 10° to 25° angle |
| **Width and height** | Table length up to 35 meters, or adding of thermal gaps<br>Lowest panel at maximum 1.5 meters, or consider Car Port structures |
| **Support spacing** | In accordance with static calculations<br>Up to 5.4 meters, depending on module inclination<br>End overhang of up to 1.5 meter |
| **Foundation** | Posts driven into soil<br>Predrilled holes and concrete backfill to positioned posts<br>Posts casted into reinforced concrete<br>Ground screws connected to round tube posts |
| **Standards** | Eurocode 1 / SANS 10160 Structural design<br>Eurocode 3 / SANS 10162 Structural use of steel<br>ISO 1461 Hot dip galvanized coatings<br>Eurocode 9 Design of aluminium structure<br>Eurocode 7 / SANS 10400 Foundation design |
| **Materials** | Support rails (Selection) Extruded aluminium (6063 T6) or Hot-dip galvanised lipped channels (S355)<br>Rafters, diagonal and upright posts Hot-dip galvanised lipped channels (S355)<br>Small parts Hot-dip galvanised steel (8.8)<br>Stainless steel (A2)<br>Extruded aluminium (6063 T6) |
| **Certification** | ISO 9001 |
| **Warranty** | 10 years [1] |

**Clamp connection**



**Rail connections to Rafter**



**Post connections to Rafter**

[1] For terms and conditions please refer to the Axe Struct Warranty Terms.

For further information: www.axestruct.com
Subject to change without notice.