Soltech Energy

STEEL GROUND MOUNTING SYSTEM

DOUBLE POLE

Top quality materials

✓ Top-quality materials and durability ensured

Minimum shades

✓ Optimal landscape conguration when using bifacial modules
✓ Limited shade caused by proles

Modules compatibility up to 670W+

✓ Designed to support differents type of modules

Foundation compatibility

✓ Compatible with different foundation solutions: direct ramming, pre-drilling + ramming, micropile, and footing foundation

Easy Installation

✓ With 30% fewer components and a design that's easy to put together, reduce installation costs by up to 15 percent

Stability verified

✓ Analysis of wind loads on the structural behaviour
✓ Tailor-made design for individual site's characteristics

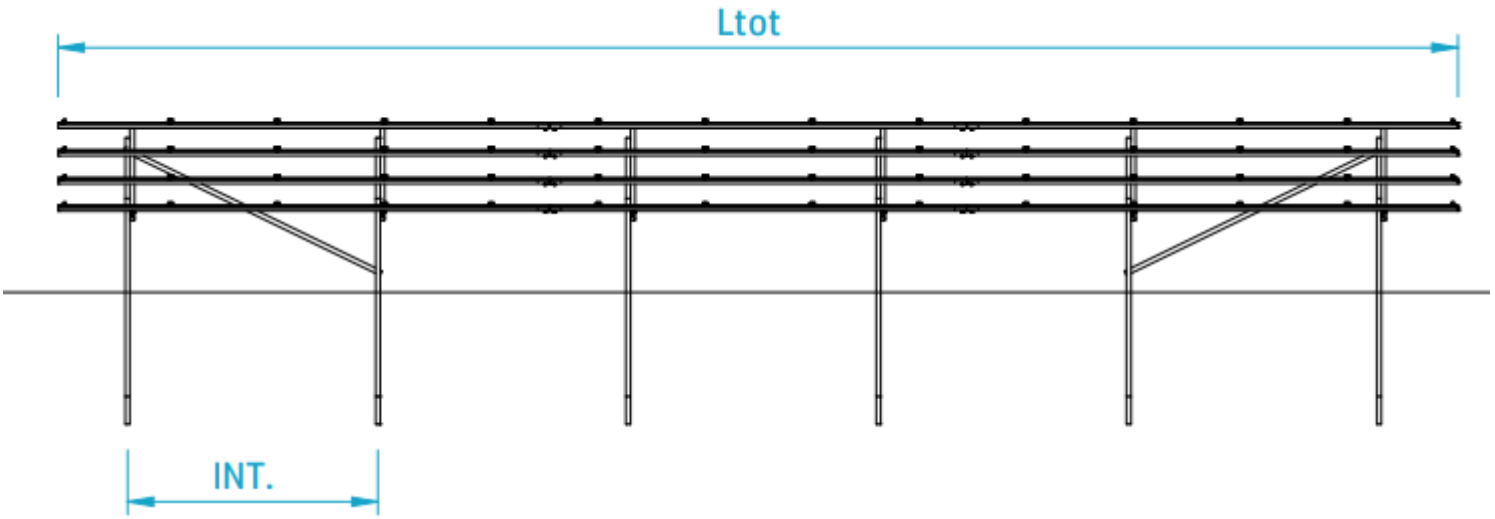
TECHNICAL PARAMETER

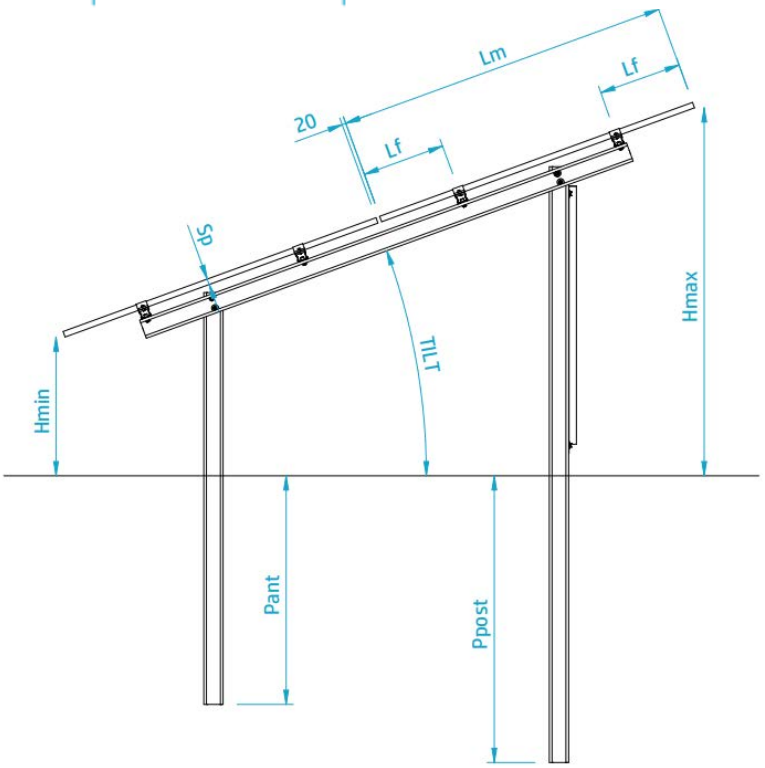
Installation	Ground or ballast
Tilt Angle	To 45°
Wind Load*	To 60 m/s
Snow Load*	To 1,6 KN/m^2
Module orientation	Landscape Portrait
Module dimension	Various
Depth of penetration	Min 160 cm
Pole height	Upon request based on the results of the pull out tests.

*The final certifications on snow load and wind resistance of the system (the customer is expected to provide historical information on the system site relating to these parameters, as well as geological survey) will be provided with technical data sheet and structural data by the supplier Soltech Energy after the executive project is released by the customer.

TECHNICAL DRAW

Portrait modules

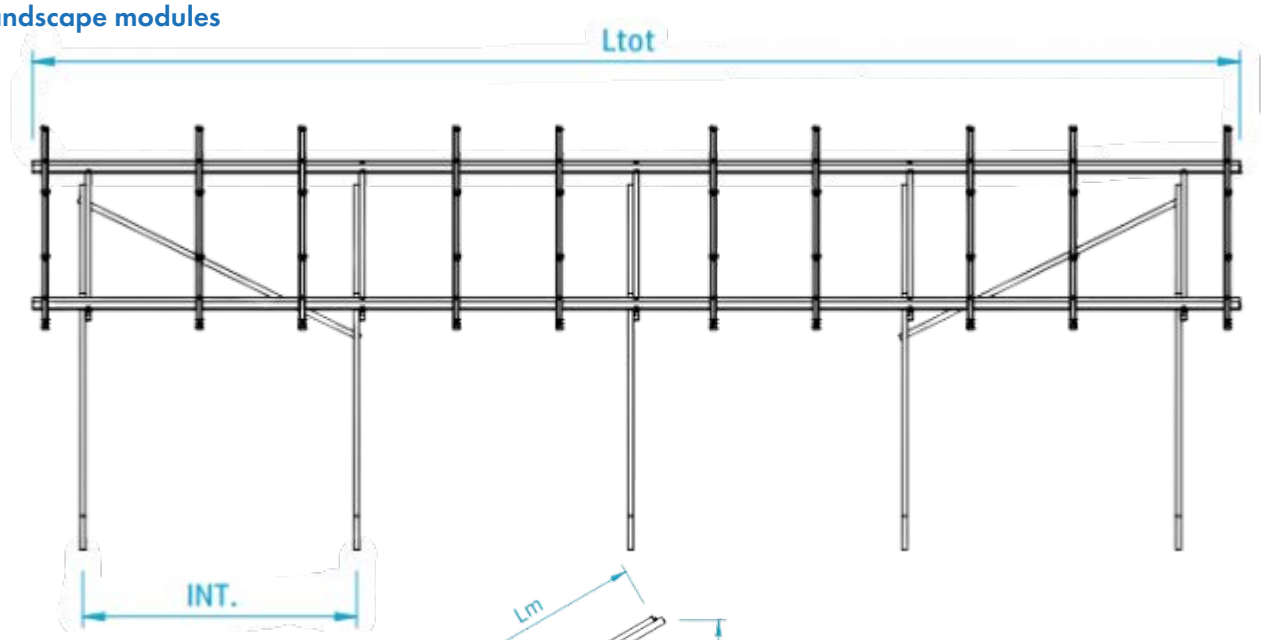


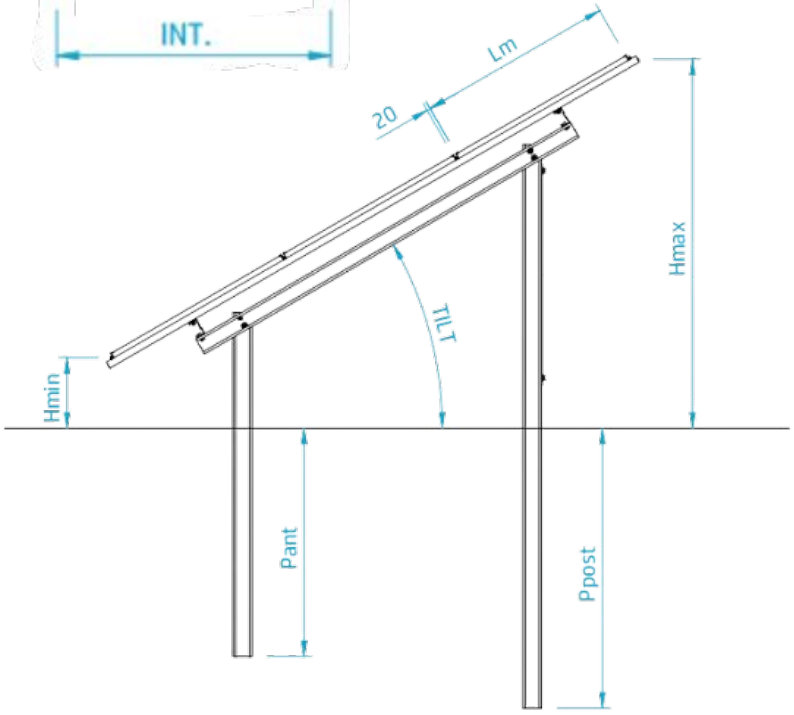


Legend:

Pant	Depth front pole
Ppost	Deapth rear pole
TILT	Inclination
Hmin	Min height module to ground
Hmax	Max height module to ground
Lm	Lenght module
20	Distance between modules
Lf	Distance from the edge of the panel clamp
Ltot	Total length
INT.	Distance between supports
Sp	Module thickness

Landscape modules





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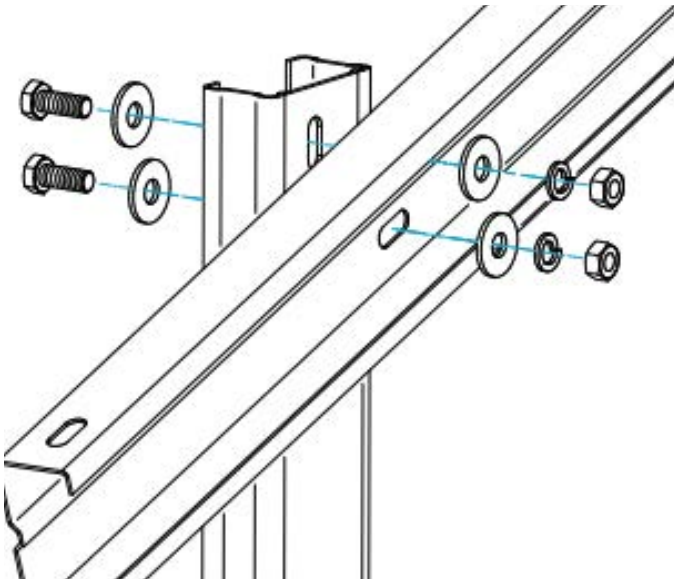
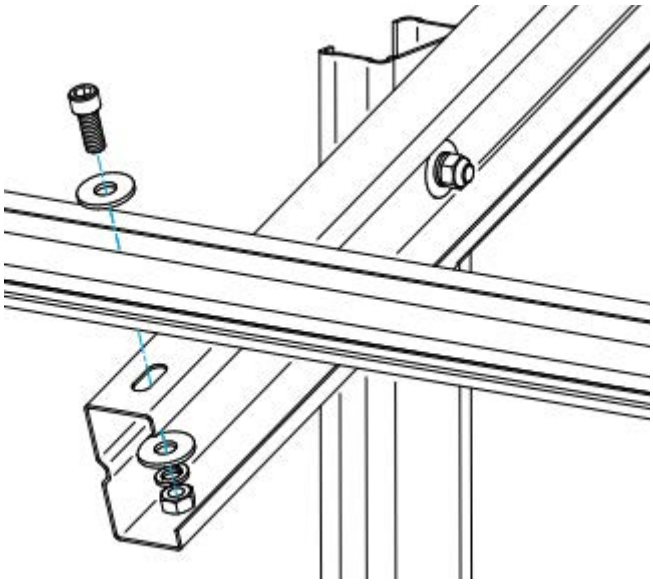
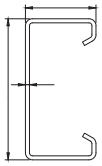
INSTALLATION DETAILS



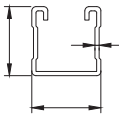


MAIN COMPONENTS

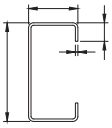
Pillar



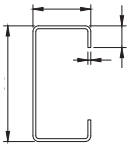
Back streengthen bar



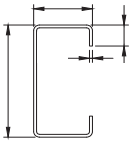
Beam
MAC Steel/
Hot-dip Galvanized Steel 0235 optional Length can be customized



Rail
MAC Steel/
Hot-dip Galvanized Steel 0235 optional Length can be customized



Diagonal Bar
MAC Steel
Length can be customized



Middle Clamp Kit 30/35/40mm
AL6005-T5&SUS304

End Clamp Kit 30/35/40mm
AL6005-T5&SUS304