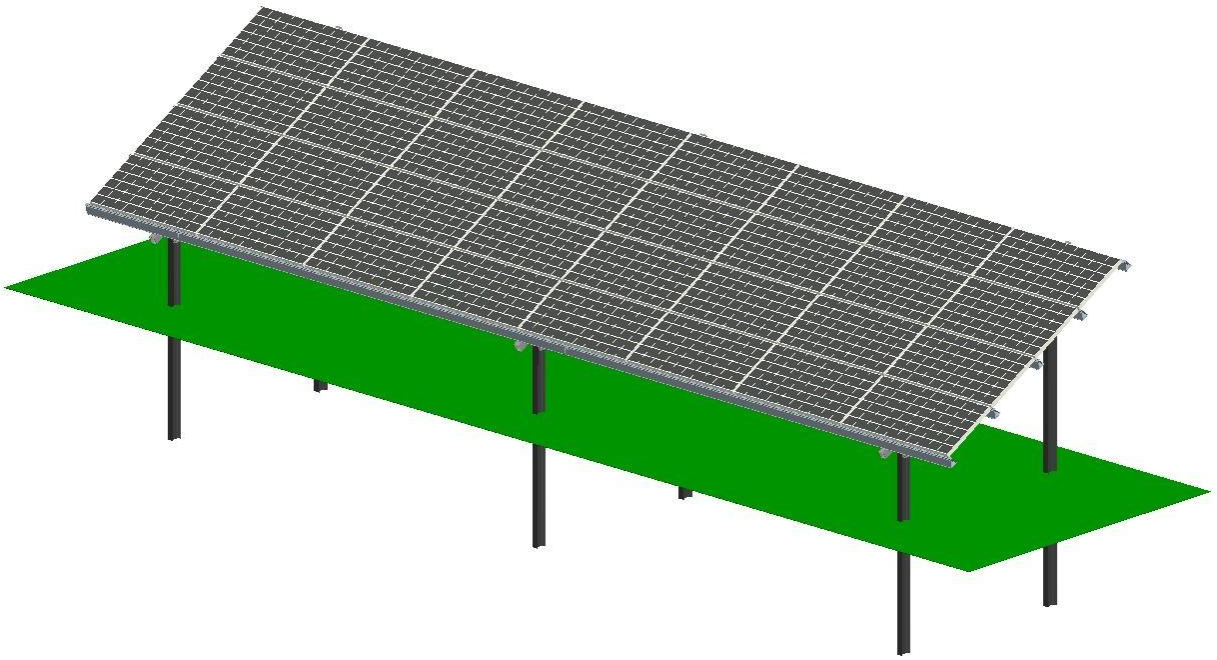
DPAL Mount Product Sheet



DPAL Mount is an open terrain system whose design and configuration has been carefully calculated and strictly tested. Different from our DPAS system which adopts a concrete foundation, the DPAL system uses foundation posts that are driven into the ground. The snow load and wind load are maximized greatly with DPAL. All materials of DPAL are aluminum except the foundation posts. Aluminum makes the system light and saves transportation costs. It is also easy to recycle and corrosion resistant.

Features and Benefits

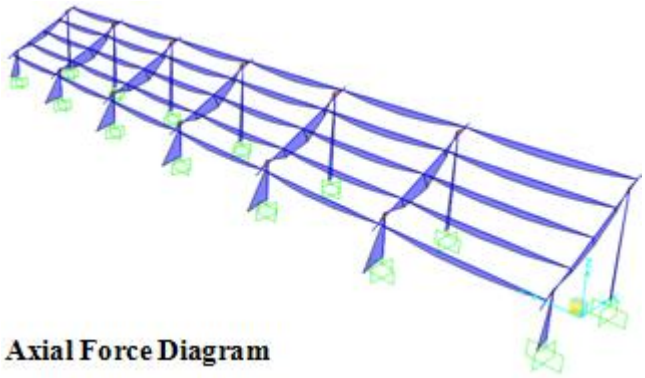
*Utilization of prismatic bolts eliminates the limitation of installing solar modules. The fastening points of the prismatic bolt can be chosen at any location on the girder by inserting it into the groove of the girder and turning it.

* Foundation posts ensure a greater snow load and wind load.

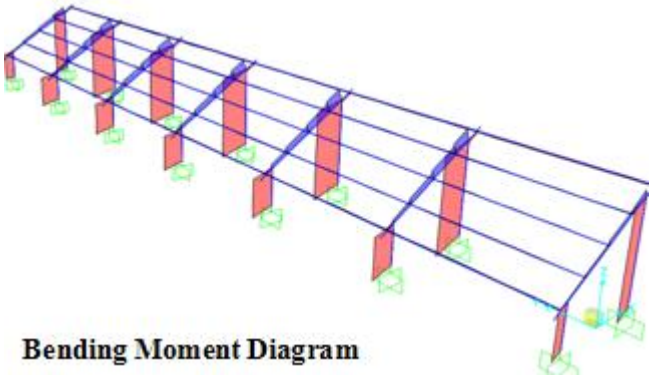
* Aluminum is easy to recycle, reduces weight and adds corrosion resistance.

Key Features

*Well-designed after careful calculation in accordance with SAP2000



Axial Force Diagram

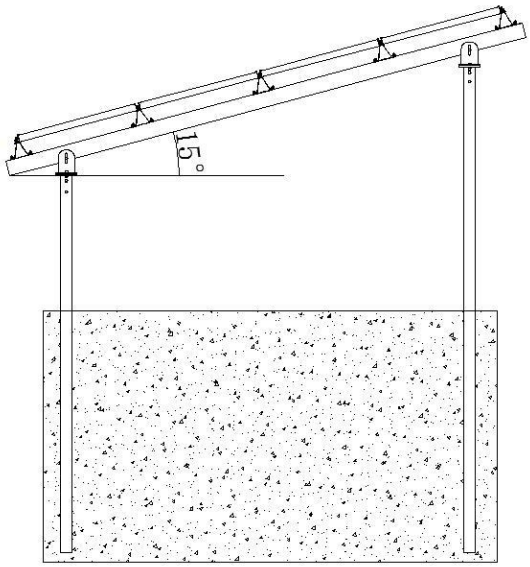


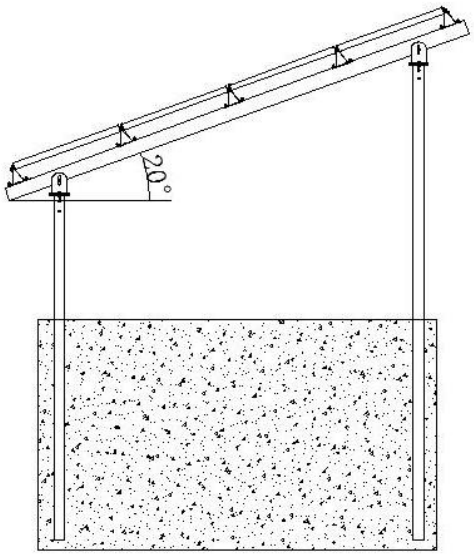
Bending Moment Diagram

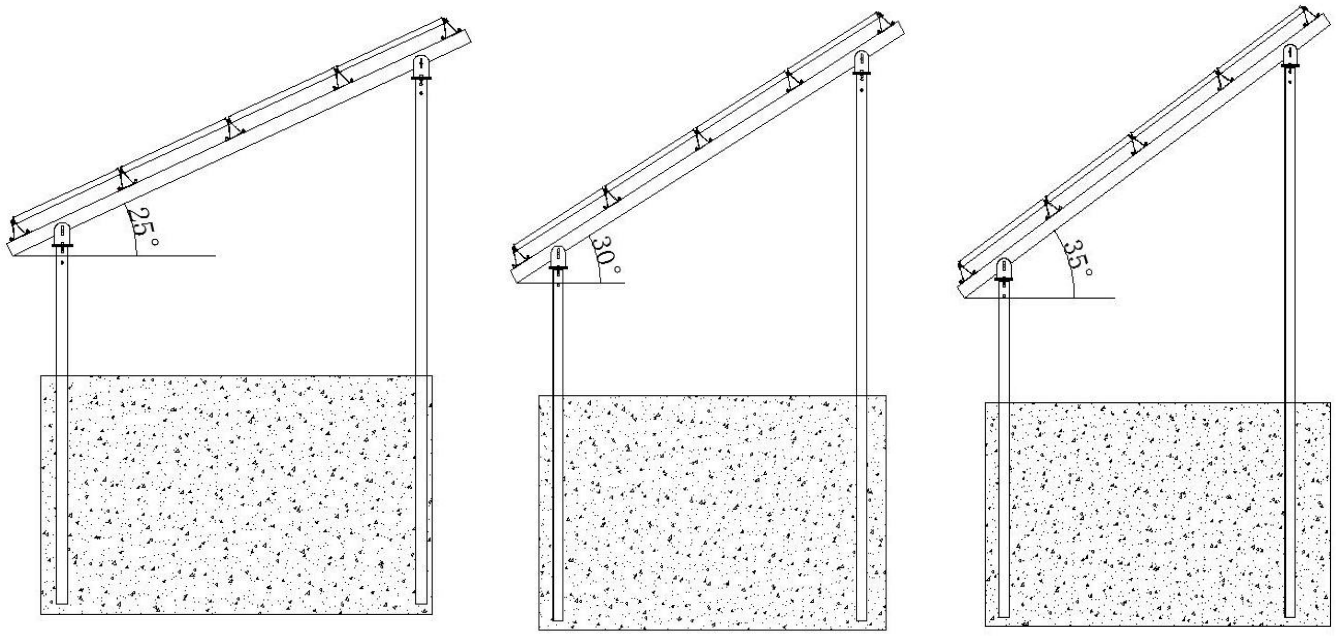
*Made with high quality, durable material
*Pre-assembled parts allow for quick and easy installation
*Suitable for any type of solar modules

Project planning

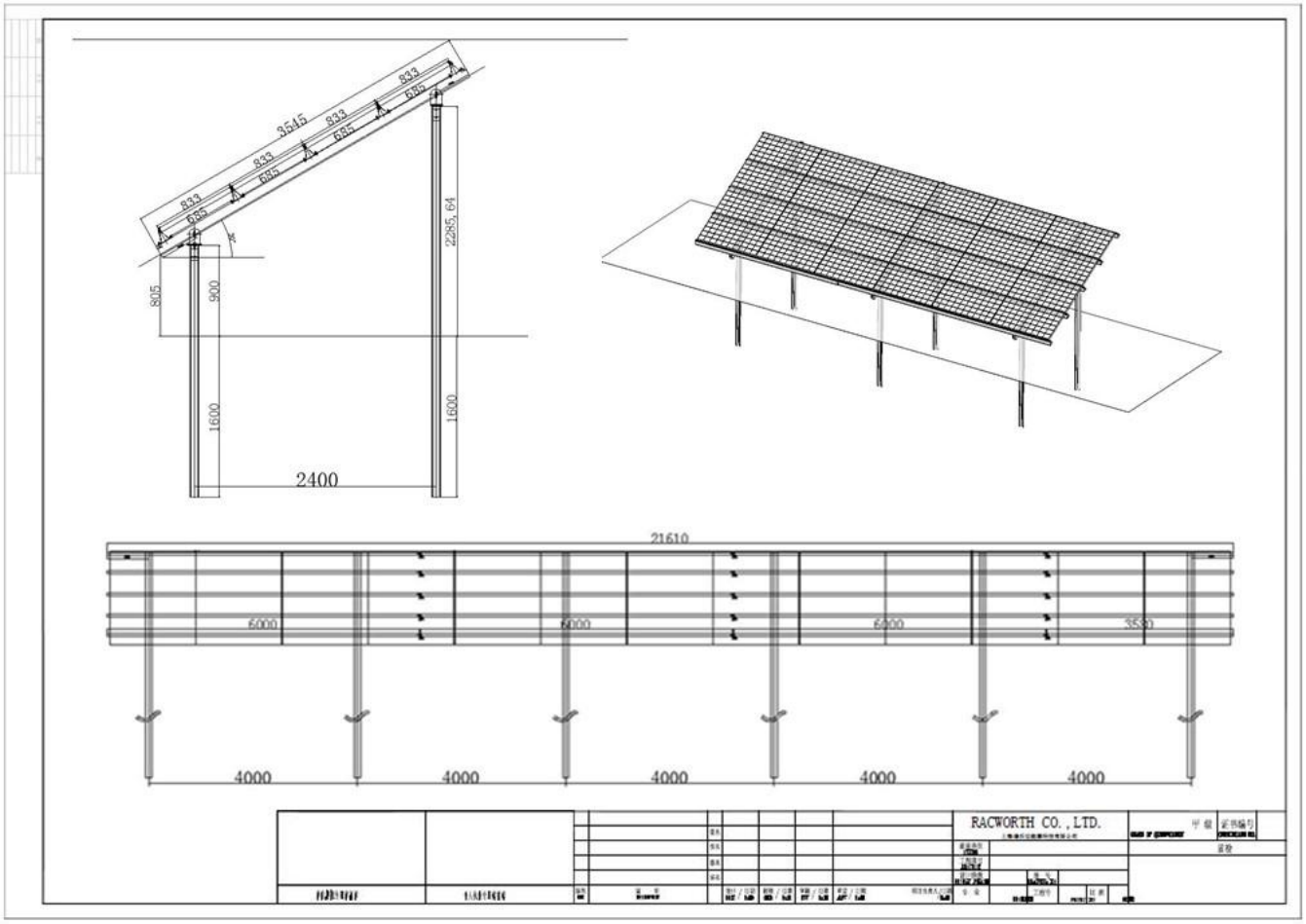
There are five angles available in our DPAL mount, 15°, 20°, 25°, 30° and 35°. Choose the best angle according to your location.







Example of typical project planning



Technical data

Product series	DPAL
Material	Module bearing profiles: Aluminum Binders: Aluminum Foundation post: Hot-deep galvanized steel Screws / nuts: 304 stainless steel
PV Module	Framed or unframed
Module Layout	approx.4m (13.12ft)
Module arrangement	Length≦50m
Module inclination	15°,20°,25°,30°,35°
Ground clearance	900mm
Basement	Embedment in soil
Girder	Aluminum
Purlin	Aluminum
Fastener	304 stainless steel
Color	Mill finish
Maximum wind load	108Km/h (67.5mph)
Maximum snow load	0.6KN/M^2 (13kPa/psf^2)
Design capacity	about 5.52kW
Standards	International Building Code IBC2009, ANSI/AISC 360-05, ASCE/SEI 7-10, ACI 318-08
Structural analysis	According to current national standards. Structural analysis with specifications on foundation dimensions as well as an anchor recommendation, depending on the respective wind and snow loads that have to be considered.