



PILE GROUND MOUNTING SYSTEM

Fastest Install

Introduction

GS Pile Ground System is applied for large commercial and utility PV systems on non-sandy ground, suitable for both framed and frameless module installation.

In GS Pile Ground System, Open Post can be pile into the ground 1-2 meters by pile machine quickly, then easily mounting the pre-assembled Al-Beam structure, GS 8# Rail with clamps.

Our mission is to simplify your installation and ensure the structure safety. Grace Solar, your best choice.

Benefits

Easy Installation

Parts have been high pre-assembly on factory to save your installation time

Safety and Reliability

Check and test the structure strictly to against the extreme weather condition

Flexibility and Adjustable

Smart design reduce the difficulty of the installation on the most condition

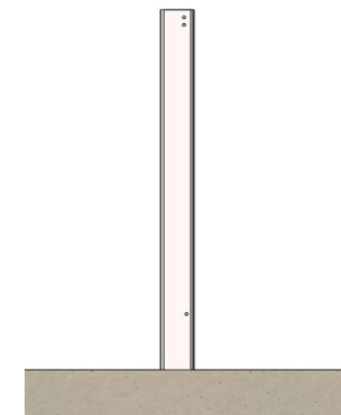
10 Years Warranty

Grace Solar provides a 10-years warranty for the material and structure

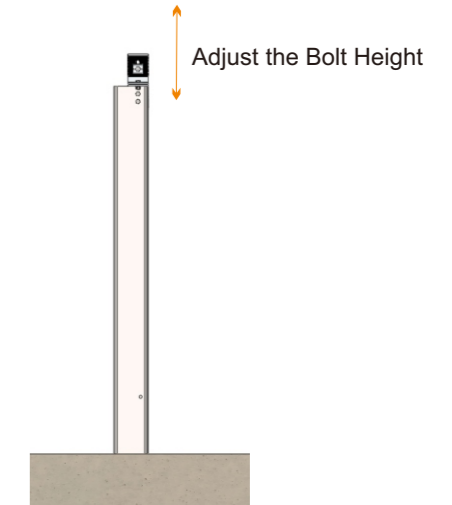
Technical Information

Install Site	Open Field
Max Wind Speed	up to 60m/s
Snow Load	up to 1.4KN/m ²
Module Type	Framed or Frameless
Module Orientation	Portrait
Rail Material	Anodized Aluminum
Post Material	Hot-dip Galvanized Steel
Adjustability	Post Height Deviation: 10mm
	Post Angle Deviation: 2°
	Post Verticality Deviation: 2°
	Pile Driving Depth: 1000~2000mm
Soil Condition	Non-Sandy

INSTALLATION STEPS



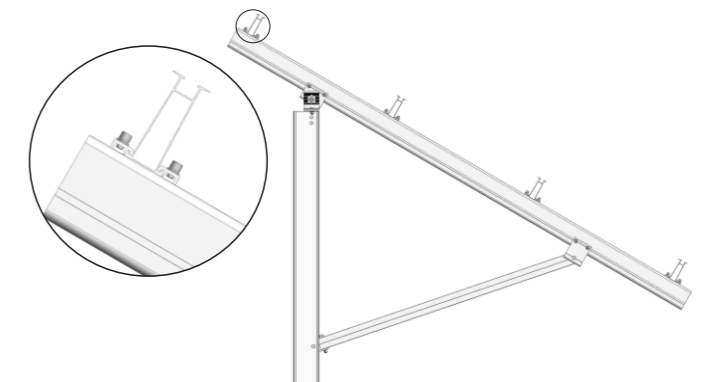
Step 1: Pile the Open Post by Pile Machine



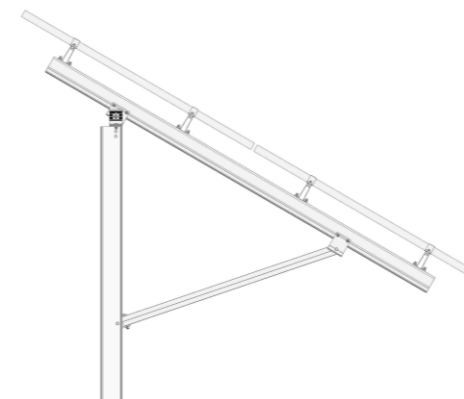
Step 2: Install and adjust the Top Cap



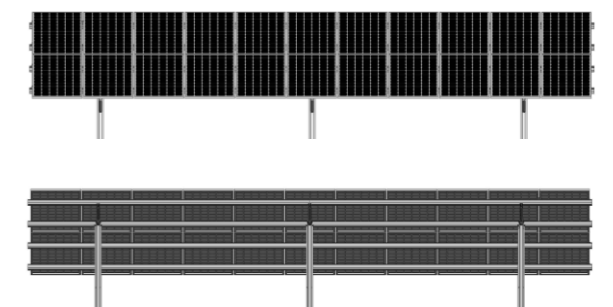
Step 3: Install the Assembly of Beam



Step 4: Install the GS 8# Rail by Rail Clamp



Step 5: Install the Modules



Finish