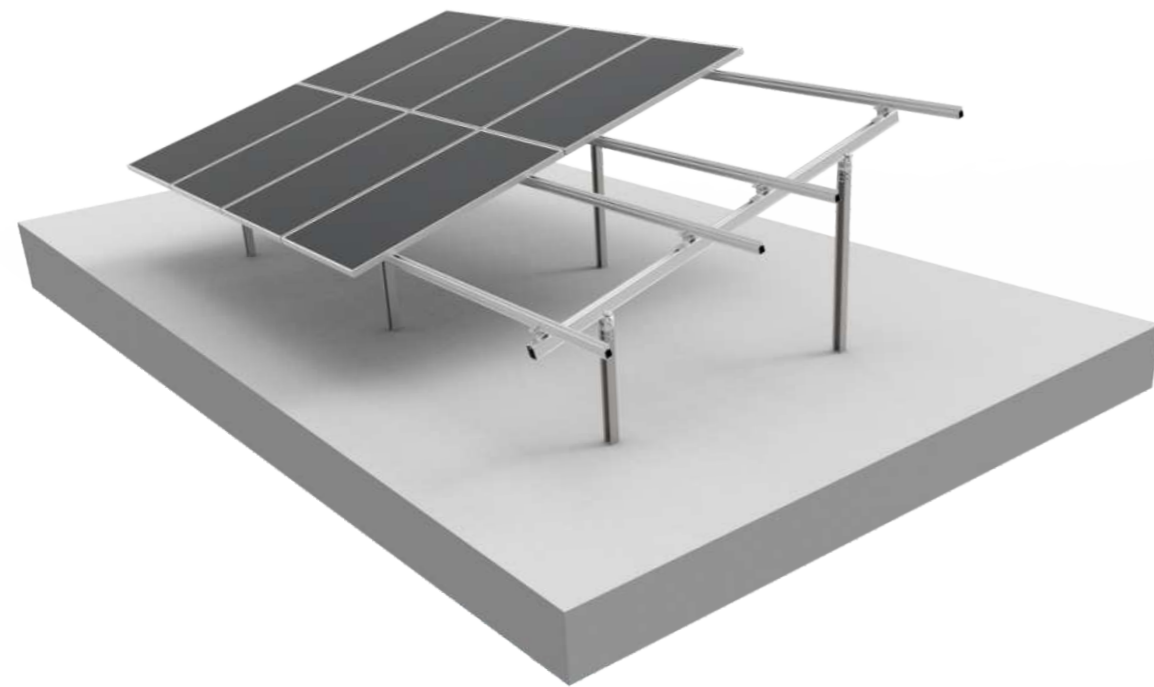


GS-Smart Ground Mounting System Solution

Ground Mounting System (Double Column Piling)



• System Introduction

Grace Solar double-pillar bracket is suitable for large-scale ground power plants in various terrains. It adopts open carbon steel cross section as support. With pile driving equipment, the installation speed can be increased by 50% compared with that of screw bolt, and the installation steps of foundation and column are avoided, which greatly saves installation time and makes installation easier. Its rotating head can realize large angle rotation in three directions. It is suitable for installation on various slopes and wavy ground.

• Suitable Power Plant Project

It is applicable to all power plant projects.

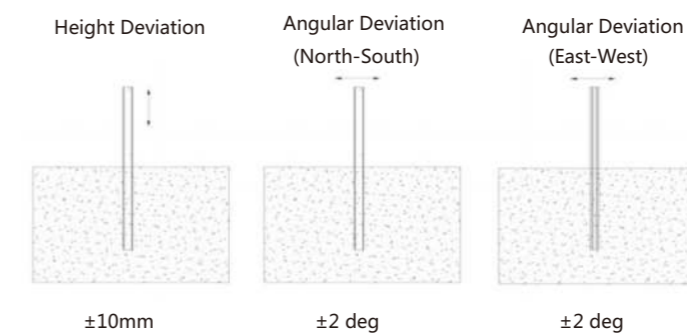
• Features

- Installation is convenient, compared with ground bolts, the installation speed can be increased by 50%;
- The head can be flexibly rotated, which can overcome the adverse effects of ground tilt.

• Technical Information

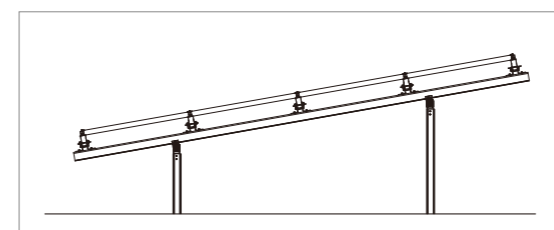
Installation site	Ground
Angle	0-45°
Construction height	Below 9M
Material	High-strength aluminum alloy &A2-70
C-shaped steel material	Carbon steel SS400
Color	Natural color
Surface treatment	Aluminum alloy anodizing, carbon steel hot-dip galvanizing
Maximum wind speed	<46m/s (JIS)
Maximum snow cover	<200cm (JIS)
C-beam penetration depth	1000mm~2000mm
Foundation	Concrete embedded, C-shaped steel foundation
Error range	Up and down 20mm, left and right 2deg, front and rear 2deg
Reference standards	JIS C 8955:2017
Quality Assurance	10-year quality guarantee

• Construction Request

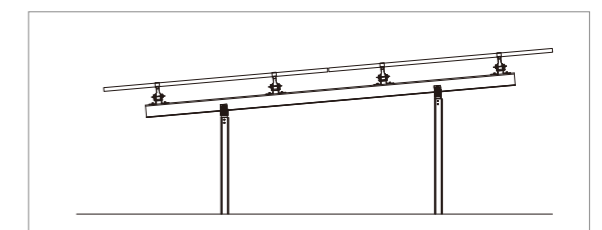


• Structure

* The longitudinal members and columns are pre-assembled to the greatest extent by the factory, which greatly facilitates on-site construction.



Horizontal OP72+SNKY



Vertical OP72+SMR