Product Type Ground PV Mounts

GM-Steel: Ground Steel Solar PV Mounting System

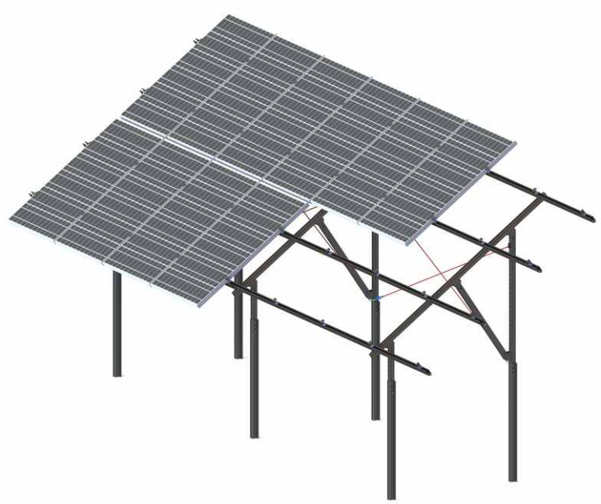
Introduction

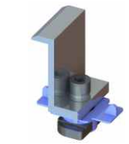
GM-Steel solar PV mounting system applies to concrete, ground screw and piling foundation solar projects. The main material is hot-galvanized steel. This solution gain features of wide range application, good strength, competitive cost, and easy installation, due to the favorable mechanical properties and process performance of steel.

Technical Data

Design standard: JIS C8955:2011	Installation site: open ground
Max. wind resistance:40m/s	Applicable panels: framed or unframed
Max. anti-snow load capacity:2.0KN/m^2	Modules direction: portrait or landscape
Installation angle range:5° ～40°	Inter & End Clamps material:Al6005-T5
Span range:2. 5m～3. 5m	Fasteners Material: steel (infiltration of zinc powder 8.8)
Base positioning tolerance:±10mm	Other Components Material: Hot-galvanized Q235B
System installation angle deviation:±2°	Warranty: 10 years

Product Type Ground PV Mounts





①RY-EC40-S
End Clamp 40

②RY-IC40-S
Inter Clamp 40

③RY-SP-U62
Splice for U62

④RY-U62/L
Purlin、Pole、
Horizontal Beam

⑤RY-A-U
Adaptor

⑥RY-U-L1600
U shape pole

⑦RY-RS10/L
Round steel

⑧RY-HB8/80
HexBolt M8*80

⑨RY-HB8/20
HexBolt M8*20

Main Features

Large range of applications:	The material of purlins, horizontal beams and poles in this solution is hot-galvanized steel, with features of high strenth, good anti-corrosion, low cost and wide range application.
Compatibility:	Suitable for different specifications of PV modules, and the modules can be applied in different ways of arrangement, enabling random swap.
Safety and reliability:	With consideration to the load-bearing, wind, earthquake and other factors, and with rigorous calculation and testing the structure ensures safety and reliability.
Easy installation:	Most components are pre-assembled in factory, saving time and labor cost for project installation.
Flexibility and adjustability:	Considering of probable construction deviation, the structure is cleverly designed with a flexible regulatory function. The system foundation position errors can be solved by the unique structure of the regulatory function, reducing the difficulty of construction.