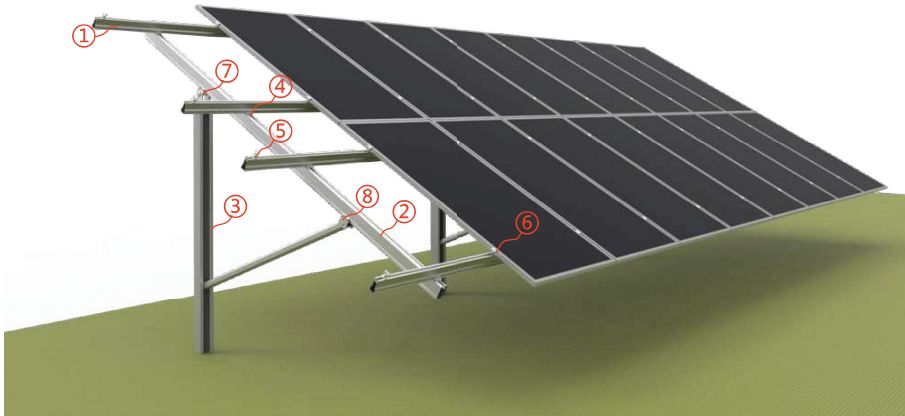
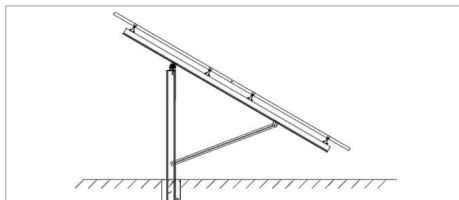


Single Column Piling Ground Mounting System

Portrait Placement (Aluminum alloy)



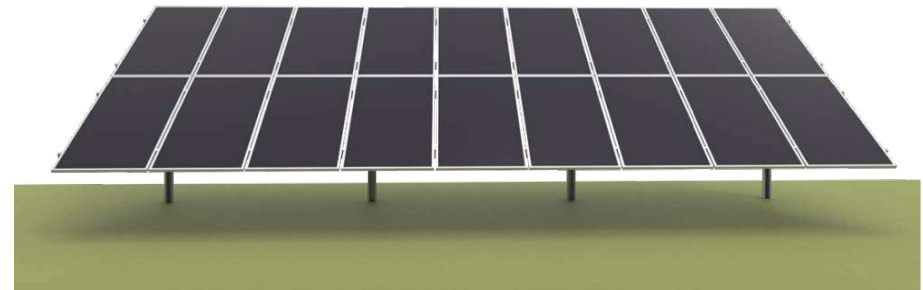
Installation site	Ground
Inclination	0-45°
Construction height	<9m
Maximum wind speed	<60m/s
Maximum snow cover	<200cm
Material	High-strength aluminum alloy & A2-70
C-shaped steel material	Carbon steel SS400
Color	Silver or customized
Surface Treatment	Aluminum alloy anodizing Carbon steel hot-dip galvanizing
Foundation	Concrete Pre-buried Foundation C-shaped Pile Foundation
Reference Standards	ASCE7-10 EN1991 AS/NZS1170 Other
Warranty	10 Years



Project Information

PV MODULE INFORMATION		DESIGN CONDITION	
Size	2187*1102*35mm	Clearance	500mm
Module Power	495W	North-south Span	2220mm
Module Inclination (in degree)	30 deg	East-west Span	3000mm
Module arrangement	2 rows, 9 columns	Capacity	8910W
Number of installations	18 pcs	Maximum wind speed	37m/s

Arrangement



Component List

Description	Material	Specification	QTY
Rail	AL 6005-T5	3400mm	12 pcs
Rail Splice	AL 6005-T5	200mm	8 pcs
Rail Clamp	AL 6005-T5&SUS 304	60mm	32 pcs
Inter Clamp	AL 6005-T5&SUS 304	35mm	32 pcs
End Clamp	AL 6005-T5&SUS 304	35mm	8 pcs
Beam	AL 6005-T5&SUS 304	3800mm	4 pcs
Aluminum Top Cap	AL 6005-T5&SUS 304	150*120*80mm	8 pcs
Tube	AL 6005-T5	1810mm	4 pcs
Open post	Q235	3550mm	4 pcs
Grounding Clip	SUS 304	34*34mm	20 pcs
Grounding Lug	SUS 304	20mm	4 pcs