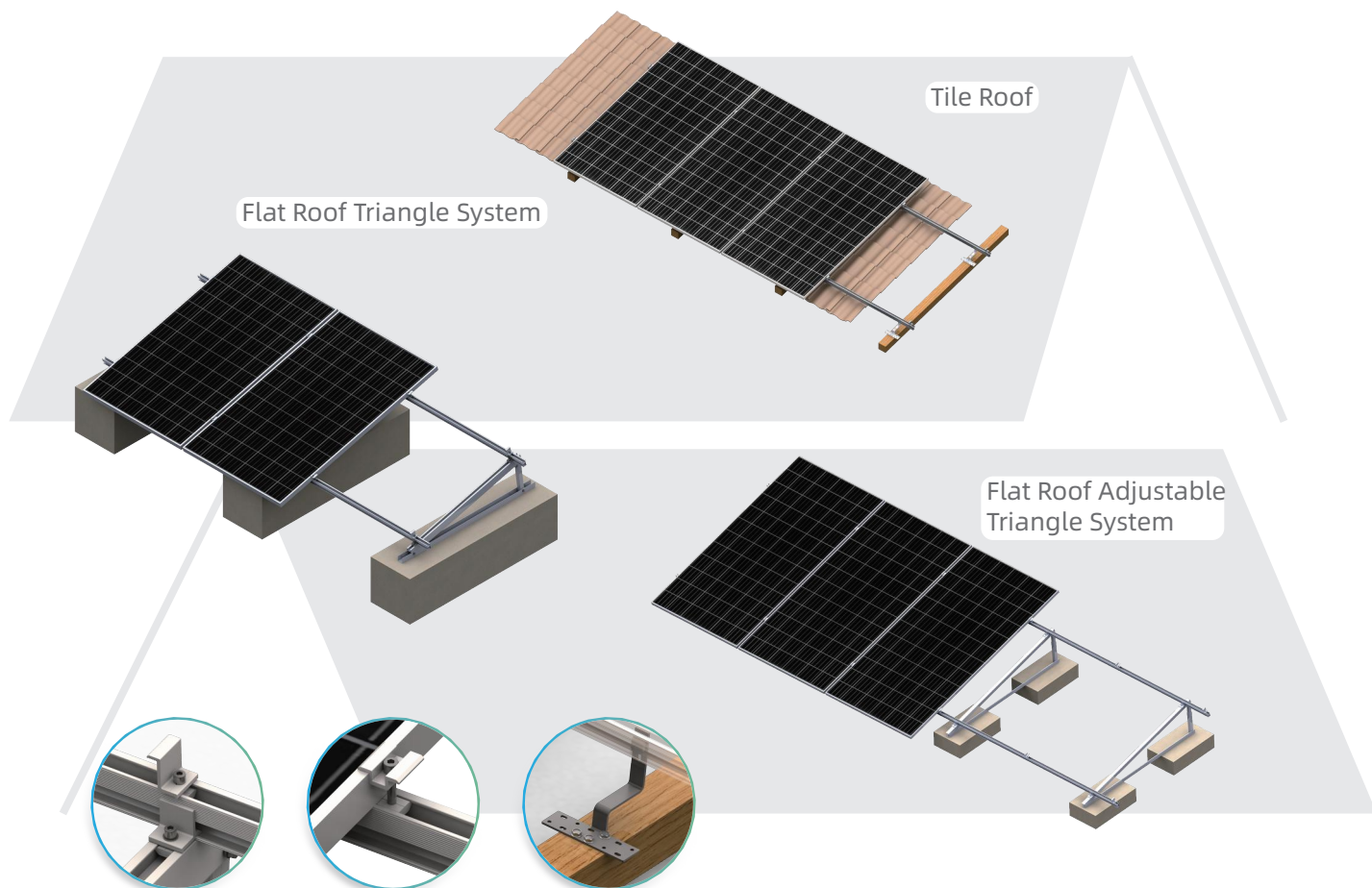


Build your own green energy



Build your own green energy

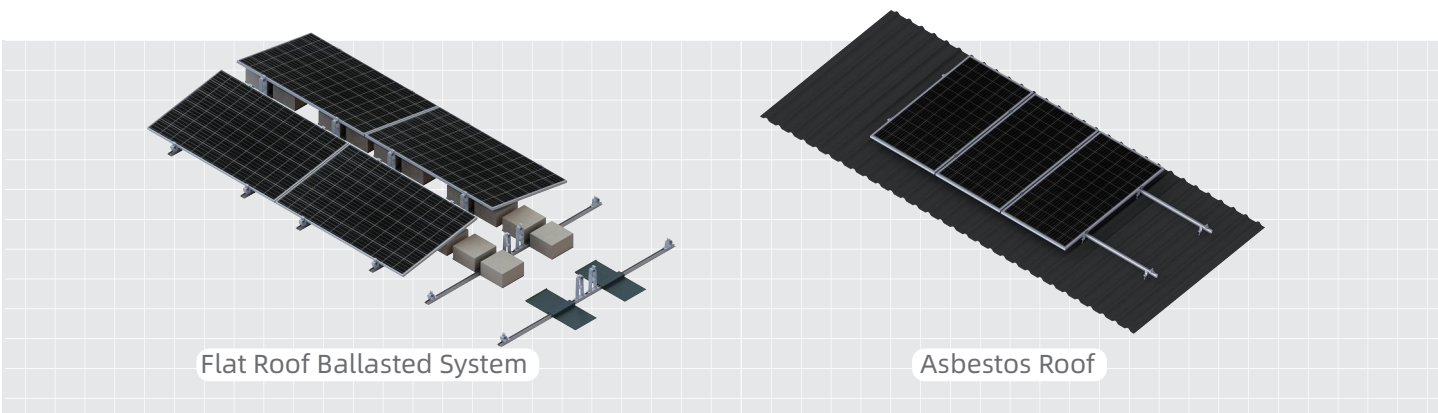
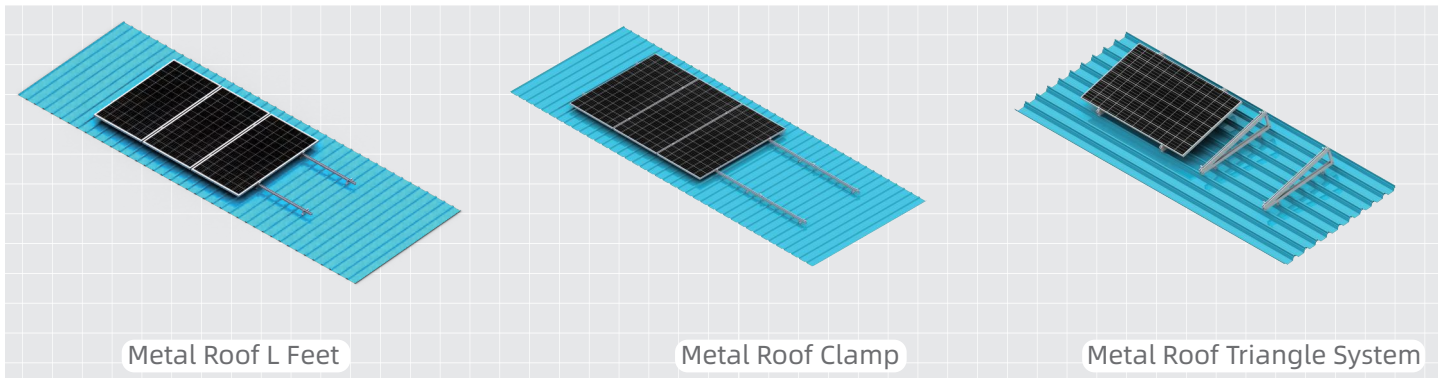


Tile Roof Flat Roof

● Residential Rooftop Solar

Designed for residential rooftop, including tile roof and flat roof etc, considering roof structure and aesthetics make sure the system easy to install and solid.

TECHNICAL DATA	
Wind Speed	60m/s(3s gust,MRI=50Y)
Snow Load	0.55 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	10-40°
Material	AL6005-T6, Q235B Q355B, Zn-Al-Mg Coating Steel, Stainless Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2-2021 EURC0DF-0-9 N5CP-2015 Nch 432



Commercial Rooftop Solar

Metal Roof

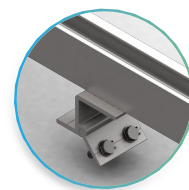
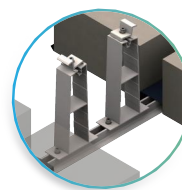
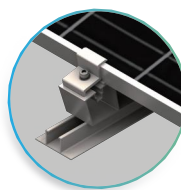
Flat Roof

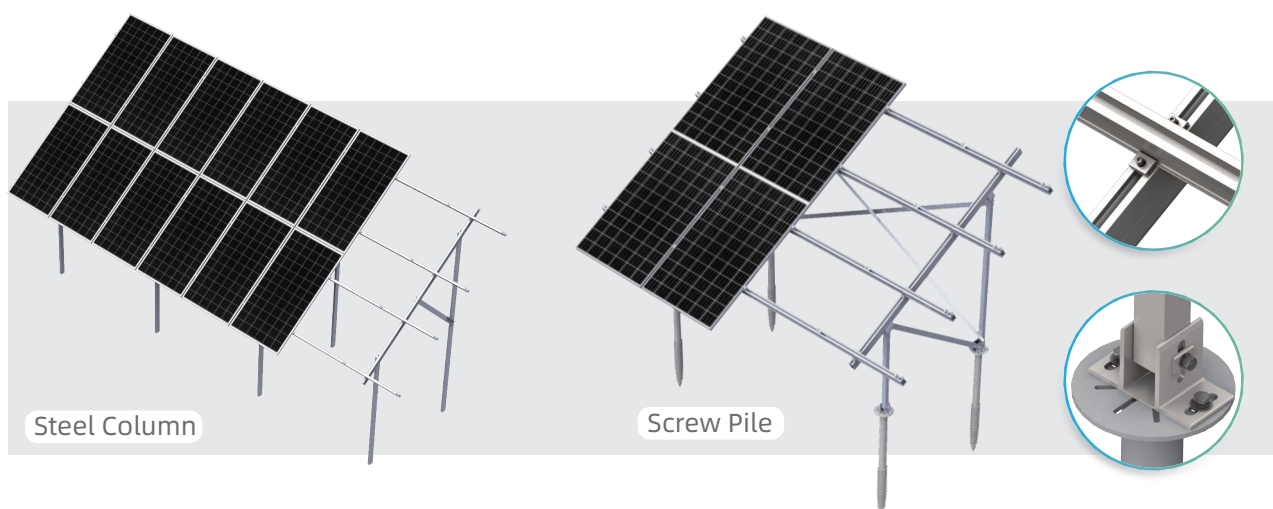
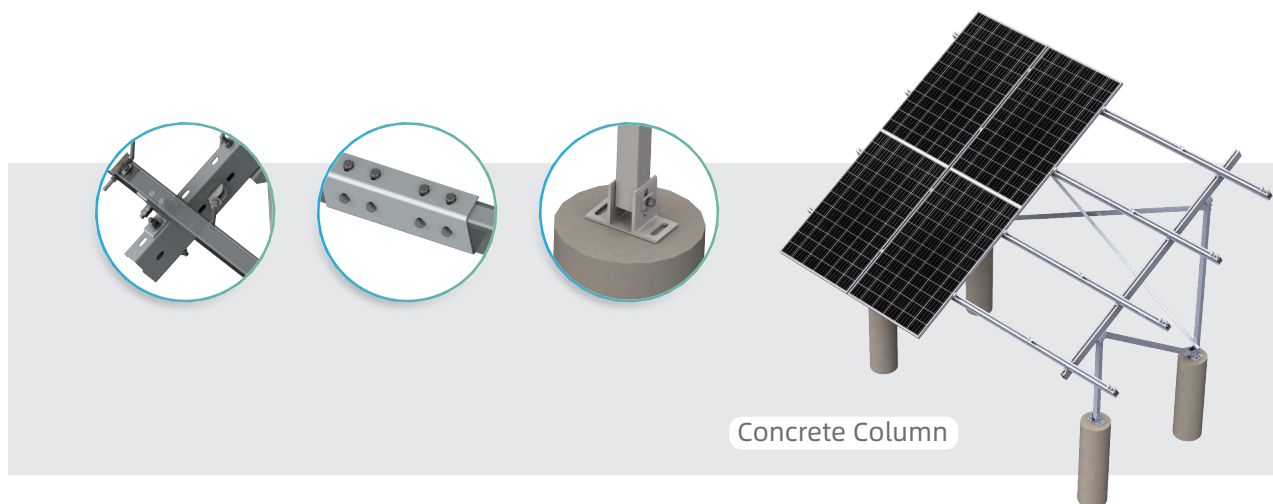
Asbestos Roof

Asphalt Tile Roof

Designed for factory, warehouse or commercial building rooftop project, Suntopia provides various solution for different scenarios. Based on different material selection, structure desian and weight optimization, Suntopia provides most cost effective and easy to install solutions. solutions.

TECHNICAL DATA	
Wind Speed	60m/s(3s gust,MRI=50Y)
Snow Load	0.55 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	10-30°
Material	AL6005-T6, Q235B Q355B, Zn-Al-Mg Coating Steel, Stainless Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2:2021 EURC0DF 0-9 NSCP 2015 Nch 432





● Flat Ground

Steel Column

Concrete Column

Screw Pile

Suntopia provides different flat ground mounting solution based on different materials and scenarios, calculated solid structure design provides reliable support for solar modules, corrosion-resistant and durable.

TECHNICAL DATA	
Wind Speed	70m/s(3s gust,MRI=50Y)
Snow Load	<200cm
Module Layout	Landscape & Portrait
Tilt Angle	0-60°
Material	AL6005-T6, Q235B Q355B, Zn-Al-Mg Coating Steel, Stainless Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2-2021 EURCOF 0-9 NSCP 2015 Nch 432

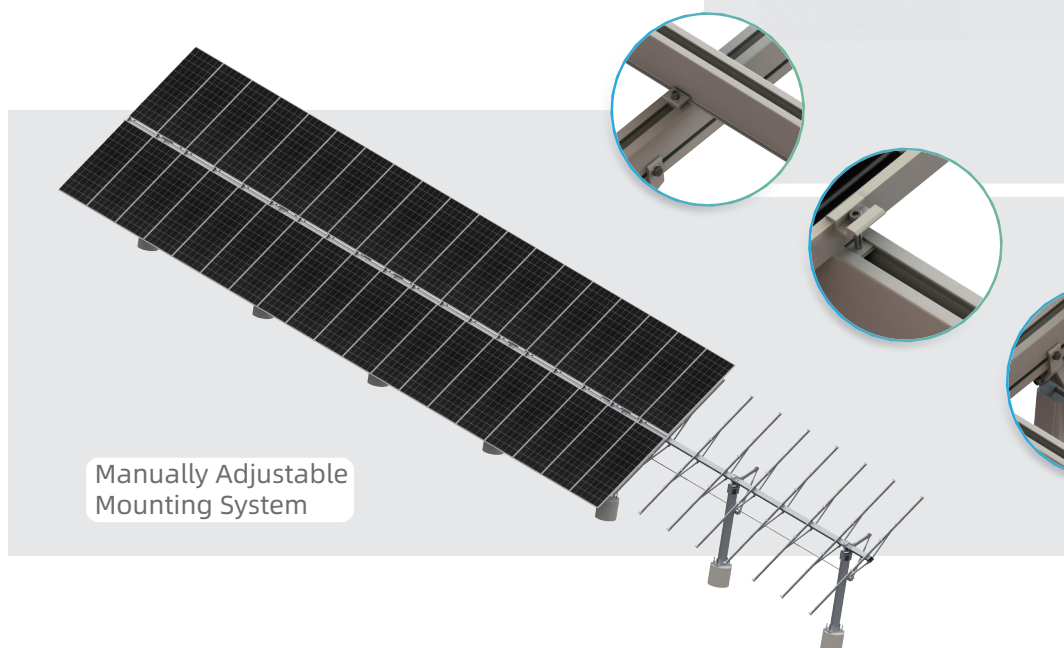
Mountain Land

Suntopia provides various solutions based on different land conditions, reduce the cost of land levelling. Make sure the mounting system installed on the mountain land safe and reliable

TECHNICAL DATA	
Wind Speed	70m/s(3s gust,MRI=50Y)
Snow Load	<200cm
Module Layout	Landscape & Portrait
Tilt Angle	0-60°
Material	AL6005-T6, Q235B Q355B, Zn-Al-Mg Coating Steel, Stainless Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2-2021 EURCODF 0-9 NSCP 2015 Nch 432



Steel Column

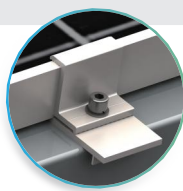
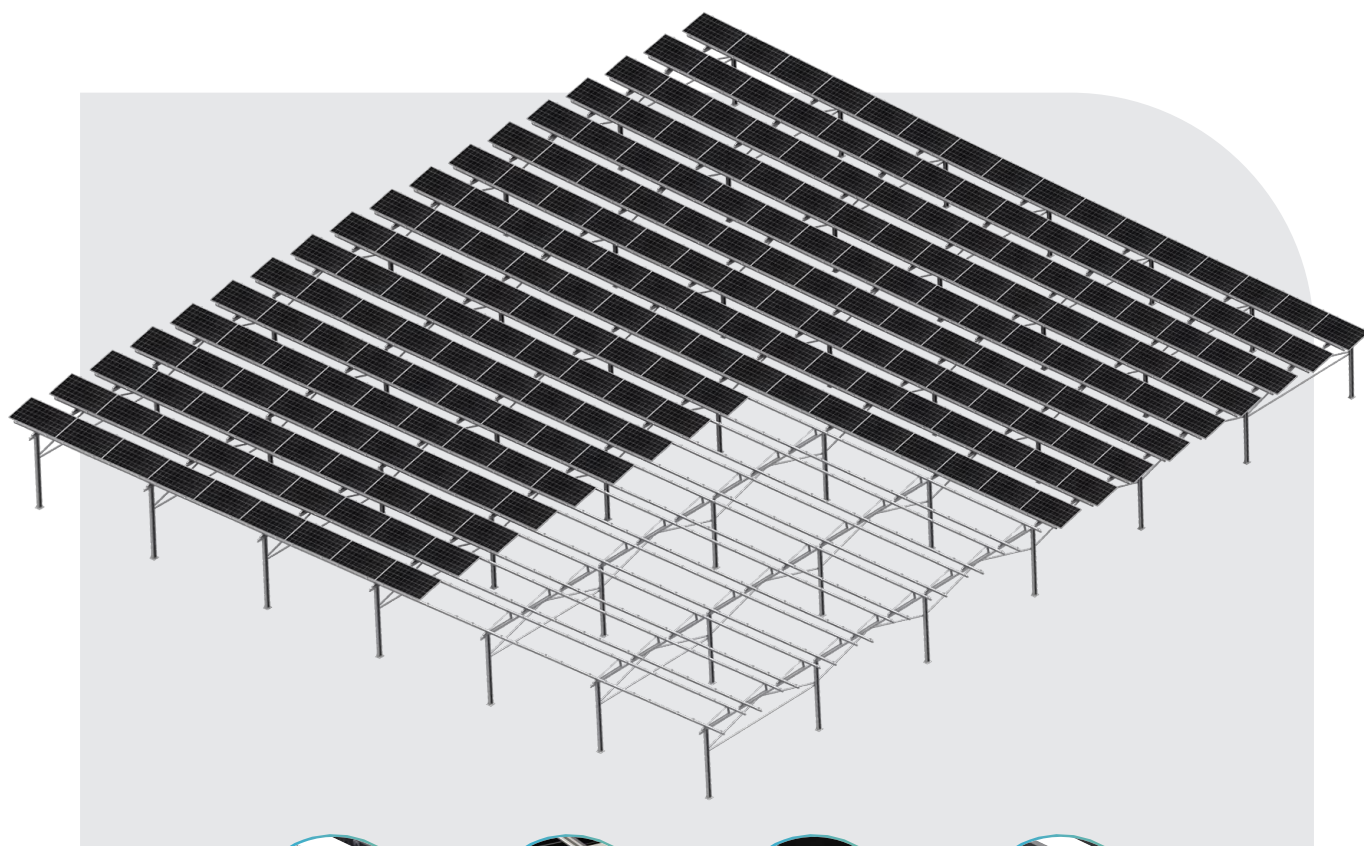


Manually Adjustable Mounting System

Manually Adjustable

The system can be manually adjust from south to north (5-45°) based on different lighting conditions, flexible and can increase system generation, no need for motor drive, lower down the whole system cost.

TECHNICAL DATA	
Wind Speed	50m/s(3s gust,MRI=50Y)
Snow Load	0.50 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	5-45°
Material	Q235B Q355B, Zn-Al-Mg Coating Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2-2021 EURCODF 0-9 NSCP 2015 Nch 432

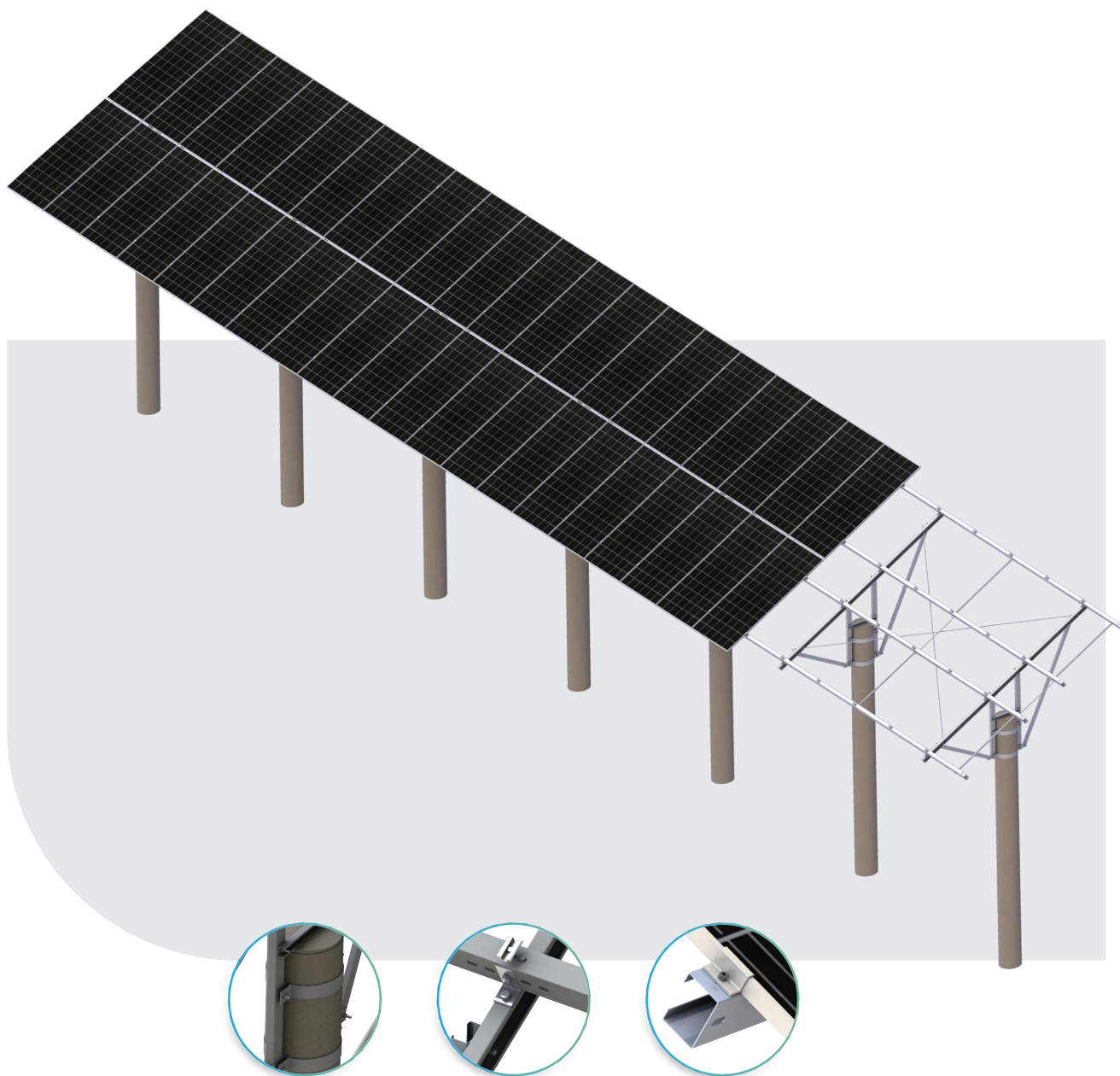


● Agriculture Photovoltaic Complementary Mounting System

Designed for agriculture photovoltaic complementary projects, improve the land utilization, gain the output for both.

TECHNICAL DATA

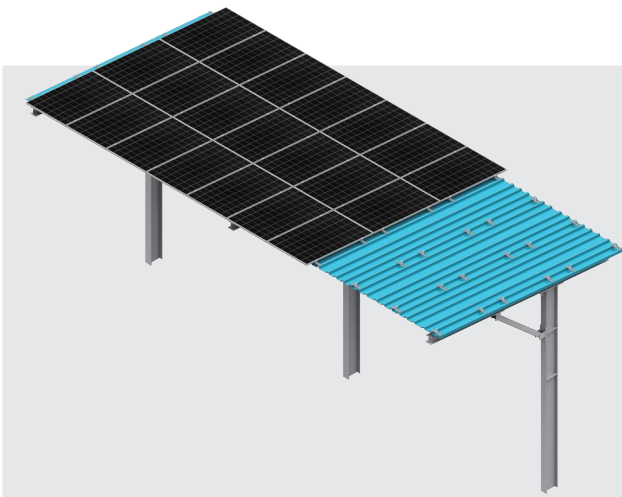
Wind Speed	70m/s(3s gust,MRI=50Y)
Snow Load	0.55 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	5-45°
Material	Q235B Q355B、Zn-Al-Mg Coating Steel、AL6005-T6
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JIS C 8955-2017 AS NZS1170.2-2021 EURCOF 0-9 NSCP 2015 Nch 432



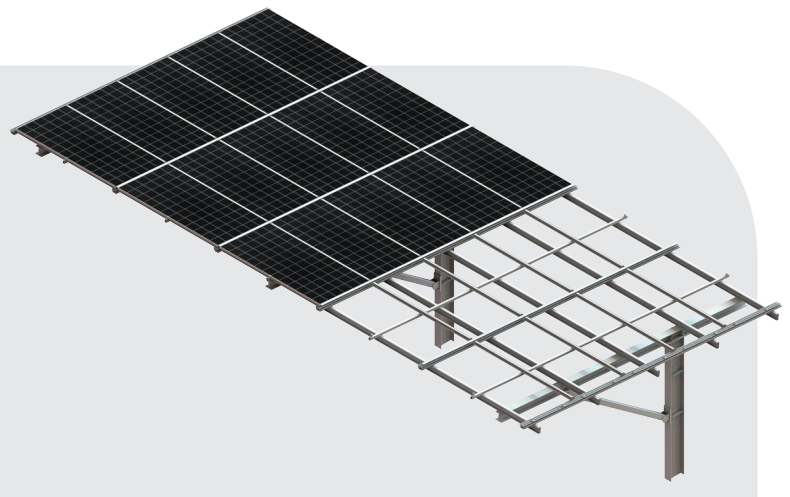
● Fishery Photovoltaic Complementary Mounting System

Combine the fishery and photovoltaic business, install solar modules over the fishery water, mudflat and saline-alkali land, improve the land utilization. Corrosion-resistant and high-strength material selected, make sure the system working in various weather conditions.

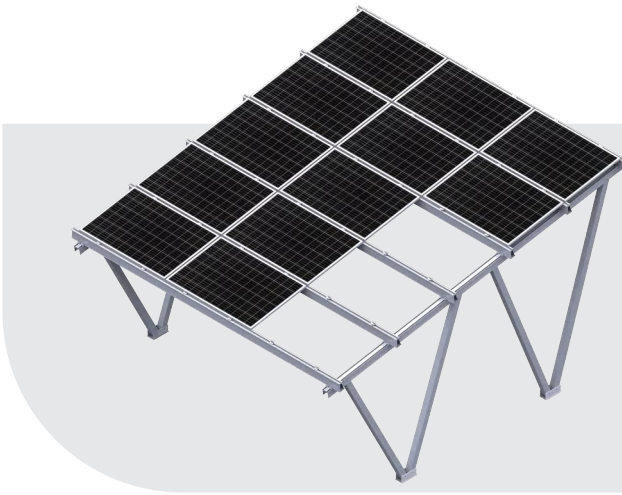
TECHNICAL DATA	
Wind Speed	70m/s(3s gust,MRI=50Y)
Snow Load	0.50 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	5-45°
Material	Q235B Q355B、Zn-Al-Mg Coating Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JIS C 8955-2017 AS NZS1170.2-2021 EUROCODE 0-9 NSCP 2015 Nch 432



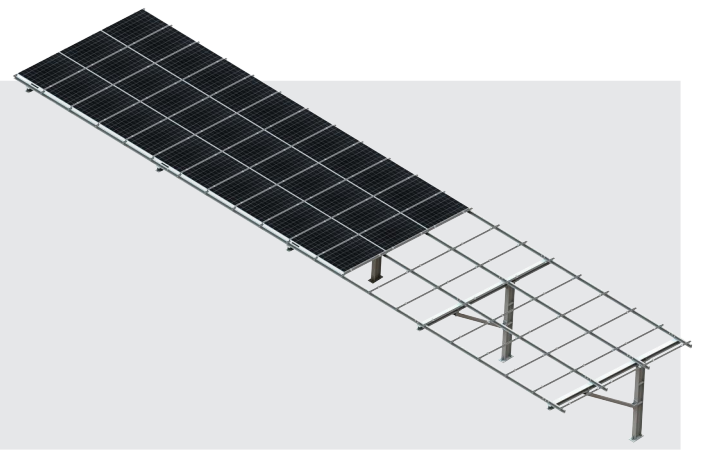
Water-proof Carport 1



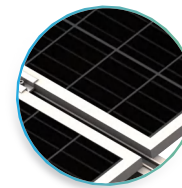
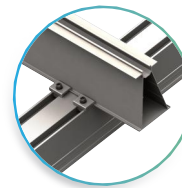
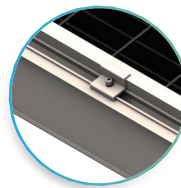
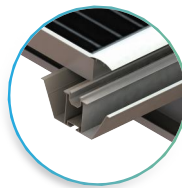
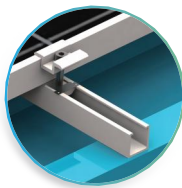
Water-proof Carport 2



Aluminum Carport



Carbon Steel Carport



Water-proof Carport

Aluminum Carport

Carbon Steel Carport

● Solar Carport

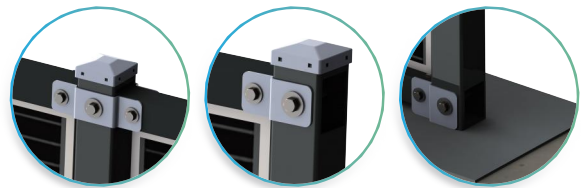
Designed for commercial and residential both, integrated with waterproof structure design, provides protection for car and generate power at the same time. Carport is well designed for heavy snow and windy weather.

TECHNICAL DATA	
Wind Speed	70m/s(3s gust,MRI=50Y)
Snow Load	0.55 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	5-30°
Material	Q235B Q355B、Zn-Al-Mg Coating Steel、AL6005-T6
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2-2021 EURCODE 0-9 NSCP 2015 Nch 432



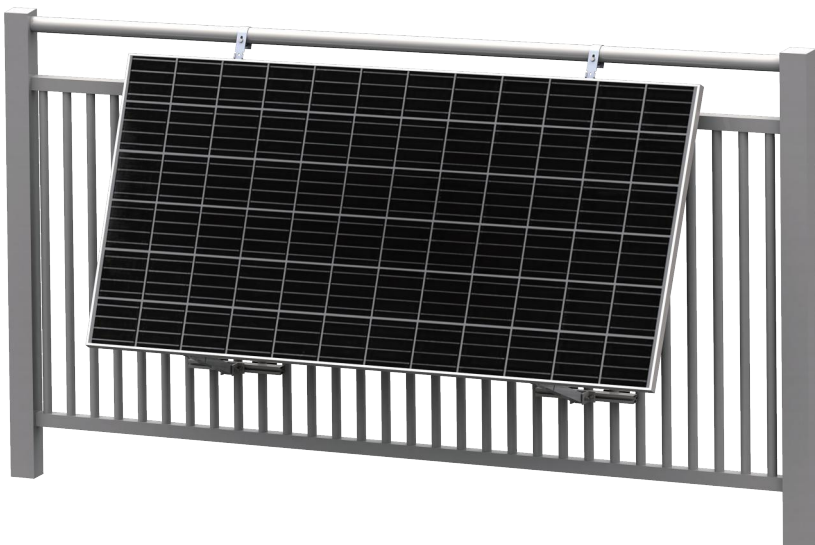
Solar Fencing System

TECHNICAL DATA	
Wind Speed	50m/s(3s gust,MRI=50Y)
Snow Load	1.20 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	90°
Material	Q235B Q355B、Zn-Al-Mg Coating Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2-2021 EURCOF 0-9 NSCP 2015 Nch 432



● Innovation Application Solar Fencing System Balcony Mounting System

Innovation application of renewable energy, improve the space utilization, provides extra power source for resident, reduce dependence on grid. Modular design for easy installation and adjustment.

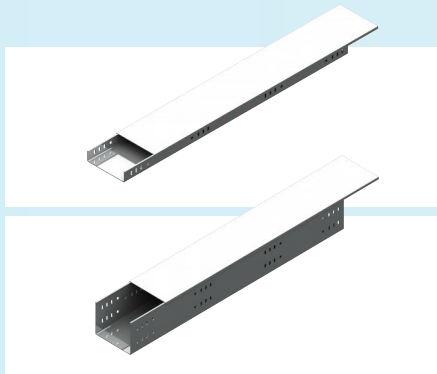


Balcony Mounting System

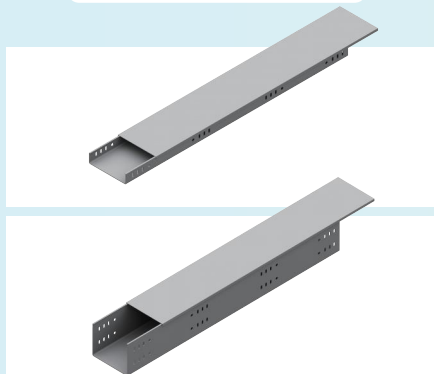
TECHNICAL DATA	
Wind Speed	40m/s(3s gust,MRI=50Y)
Snow Load	0.50 Kpa
Module Layout	Landscape & Portrait
Tilt Angle	5-30°
Material	AL6005-T6、Q235B Q355B、Stainless Steel
Design Standard	ASCE 7-05/7-10/7-16 GB50009-2012 JISC 8955-2017 AS NZS1170.2-2021 EURCOF 0-9 NSCP 2015 Nch 432



Cable Trays



Stainless Steel Cable Tray



Aluminum Cable Tray

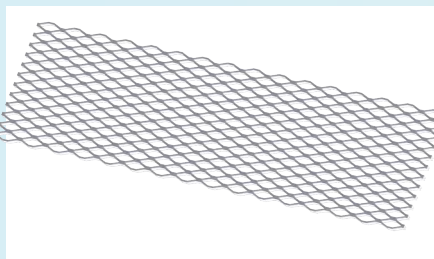


Zn-al-mg Cable Tray

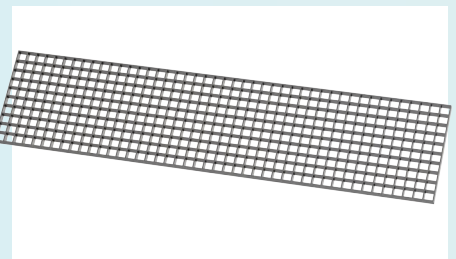
Walk Way



Glass Fiber Reinforced Plastics
Walk Way



Aluminum
Walk Way



Carbon Steel
Walk Way

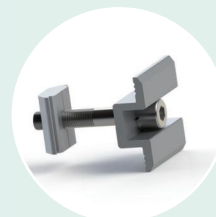
● Solar Mounting Accessories

Suntopia provides high quality solar mounting accessories one-stop service. Strict quality checking process among material selection, design, manufacturing and shipment, improve durability of solar system, reduce maintaining cost over system lifetime.

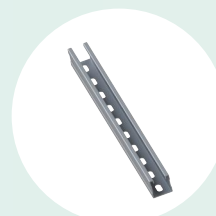
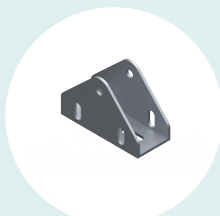
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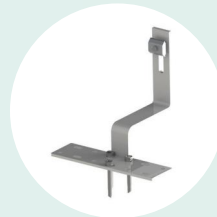
Aluminum Solar Mounting Accessories



Carbon Steel Solar Mounting Accessories



Stainless Steel Solar Mounting Accessories



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