



# Xiamen Suneon Power Technology Co., Ltd

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## Floating PV Mounting System G4S



**Floating PV Mounting System G4S** is applied on the water as pool, small lake, reservoir. The solar modules would be installed on the floater which is made of high density polyethylene(HDPE), passed the Hunt Water Absorption Test, Anti-Aging Test, Anti-UV Test etc. Moreover, it can bear the pulling force that is much higher than other products. Adopting a new modular design in floater and main floater, it can realize the array of double rows in the same facing or in symmetrical facing, which can increase the efficiency of solar power generation and installation capacity, be easily installed, and save the cost, and its lifetime has more than 25 years.

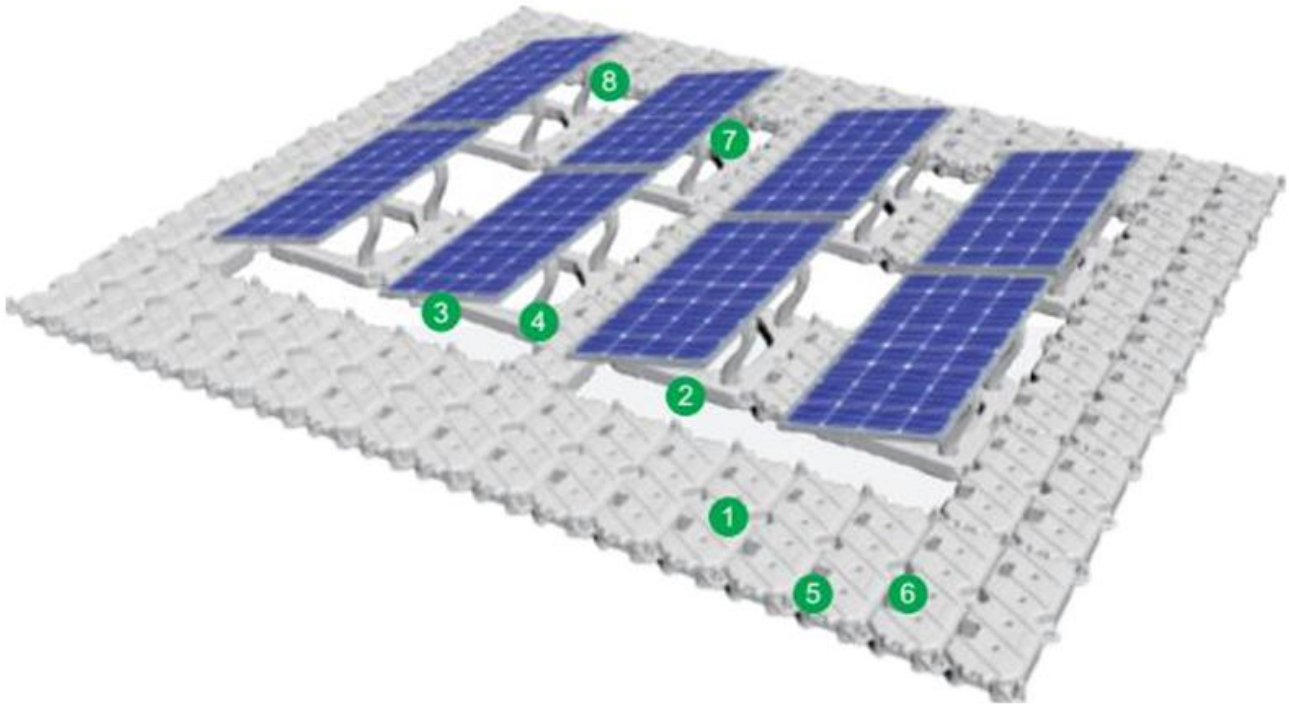




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## Components



Maintenance Channel  
Material HDPE



Main Floater  
Material HDPE



Front Support  
Material HDPE



Back Support  
Material HDPE



Plastic Bolts and Nuts  
Material HDPE



Pin  
Material HDPE



Clamp  
Anodized Al6005-T5



Hexagon Bolt  
Electroplated  
Zinc-Nickel Alloy



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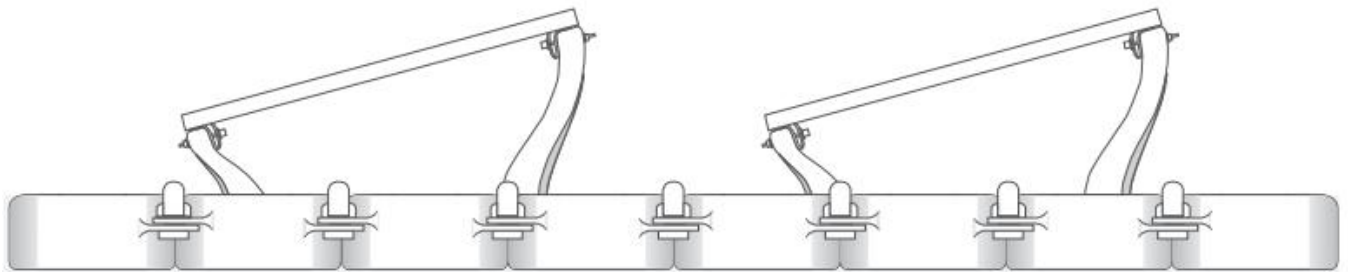
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## Technical Parameter

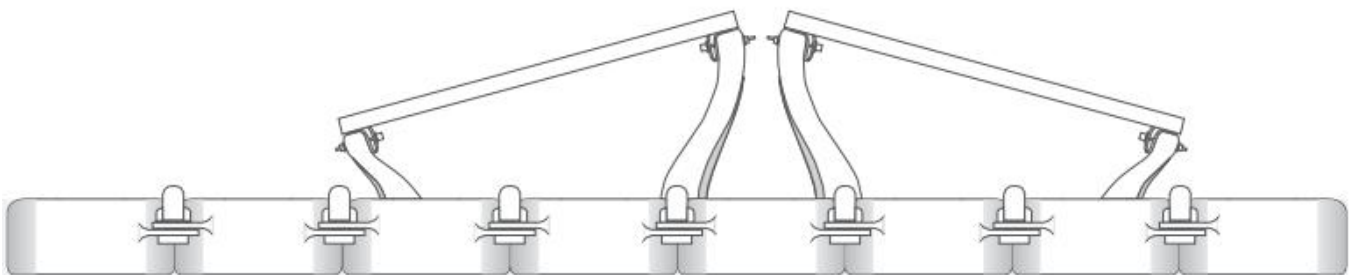
Certified by TUV, SGS and qualified consultants in AU, JP, ASEAN, CN, UK, EU, US

Installation Site	Lake, Reservoir
Installation Angle	10° / 15°
Panel Type	Frame or Double Glass
Panel Orientation	Landscape Double Row In The Same/ Symmetrical Facing
Max Wind Speed	51m/s
Max Snow Load	1 KN/m <sup>2</sup>
Main Material	HDPE
Fastener Material	Electroplated Zinc-Nickel Alloy & HDPE
Clamp Material	Anodized Al6005-T5
Bearing Weight	Main floater 70KG/m <sup>2</sup> , Channel 155KG/m <sup>2</sup>
Water Surface Clearance	330-350 mm
Color	Gray or Customized

## Mounting Structure



G4S-Double Row In The Same Facing



G4S-Double Row In Symmetrical Facing



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## Installation Steps



1  
insert front support into the corresponding hole of main floater of main floater



2  
insert back support into the corresponding hole of main floater of main floater



3  
main floater



4  
connect maintenance channels by plastic bolts, nuts and pin



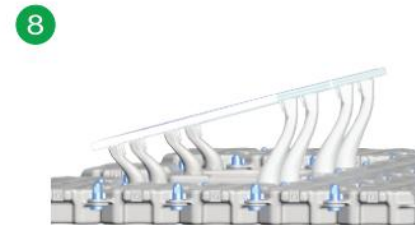
5  
connect maintenance channels with main floater



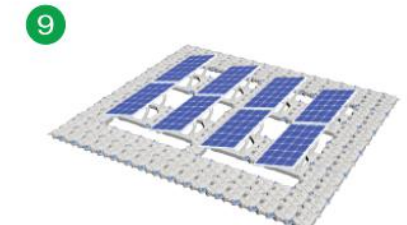
6  
floating support completed



7  
fix solar panel with clamps and hexagon bolt



8  
fix solar panel with clamps and hexagon bolt



9  
installation completed



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