Float Solar Mounting System Advantage

1. Environment

Save land resources to a great extent.

It will not bring excessive impact on the water ecological environment.

2. Higher power generation efficiency.

Solar panels will reduce the generation efficiency if they are overheated.

The floating panels on the water can cause an evaporation cooling effect.

The area of sunlight is often more uniform and lasts longer.

Avoiding shadows limits the efficiency of pv modules.
Product Description

Product Advantage

1) High bearing capacity.

2) Economic.
   It doesn't need maintenance. In the long term, tremendous cost of upkeep, replace and repair will be spared.

3) Simple and quick installation.

4) The upper surface of floating body is anti-skid to ensure the safety of construction.

The four corners are rounded obtuse corners to avoid being scratched by cement, wood chips or rusty nails.
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Material: HDPE (Recycled)</th>
<th>Solar Panel: Crystalline Silicon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation</td>
<td>Water Surface</td>
<td>Array: portrait or landscape</td>
</tr>
<tr>
<td>Tilt angle</td>
<td>15</td>
<td>Minimum water depth: 0.5m</td>
</tr>
<tr>
<td>Max wind speed</td>
<td>&lt; 60m/s</td>
<td>Average buoyancy: 127kg/m²</td>
</tr>
<tr>
<td>Service Life</td>
<td>25 years</td>
<td>Warrant: 3 years</td>
</tr>
</tbody>
</table>

![Main Float Body](image1)

![Aisle](image2)

![Front/Back Support](image3)

![Bolts And Nuts](image4)
Raw Material (HDPE) Advantage

1. Physical Characteristics

   Good weather resistance and resistance to impact and destruction.

2. Chemical Characteristics

   1) Resisting ultraviolet rays, freeze-proof, anti-oil stain of sea water chemical agent.

   2) Recyclable

Produce

**Equipment:** High-end blow moulding, rotational moulding

**Capacity:** 5 MW/ month now. Capacity will increase to 10MW/month from Nov.2019.
Packaging & Shipping
Whole container in Bulk 1*Container Internal Diameter 13.5m*2.35m*2.68m

Installation
1. Install Float Solar Mounting System
   1) Install screw and nut
      Fix the screw and nut to the aisle float solar mount
   2) Connect two aisle floating body
      Use Aisle to connect two aisle floating body with screw and nut
   3) Install Front and Back Supporting
      Fix the front/black supporting to the main floating body.
   4) Connect aisle floating body with main float body.
2. Install Solar Panel To Float Solar Mount System
   1) Fix fixture with holes to the front and back supporting
   2) Fix solar panel to the fixture, then tighten the screws and nuts on the fixture

3. Install Anchor
Company Information

Xiamen Trip Solar manufactures and exports solar mount for 9 years.

We have 4500 square factory with 150 staffs, including professional product experts, engineers, QC and skilled workers.

Tailor project + Help u expand market

Our Services

1) Arrange solar panels after getting the lake of the coordinates or the drawings and the number of solar panels.

2) Recommend appropriate anchoring structures based on depth of lake.

3) Calculate fixtures of shore and anchors of bottom of lake quantity.

4) Calculate the crew number and time of installing each lake.