

Introduction

Floating solar power plant, applied on the water as pool, small lake, reservoir, is to solve the bigger-ground-area issue of traditional solar power plant. The solar modules would be installed on the floater which is made of high density polyethylene. Under the premise of ensuring its intensity, the professional structure design, the optimization of floater structure and the simple and convenient splice design improve the efficiency of project installation and then save the cost.

Technical Information

Material	HDPE、AL6005-T5、SUS304
Tilt Angle	15°
Wind Speed	60m/s
Snow Load	1KN/m ²
Water Depth	200-300mm
Loading Capacity	150kg/m ²
Color	Grey
Duration	25 Years



Floating Solar PV Structure System



Component List



Long Aisle



Edge-closing walkway



Short Aisle



Main Floater



Front Leg



Back Leg



Connection Pin



Clamp Kit

Installation Instruction



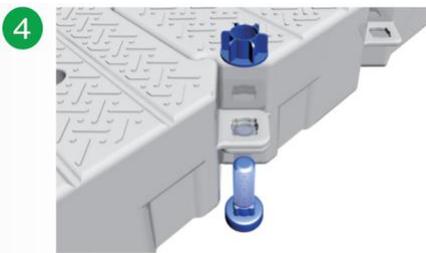
Put the Front Leg into the Main Floater.



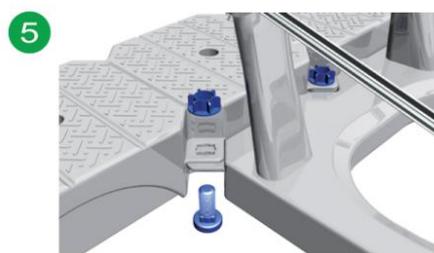
Put the Back Leg into the Main Floater.



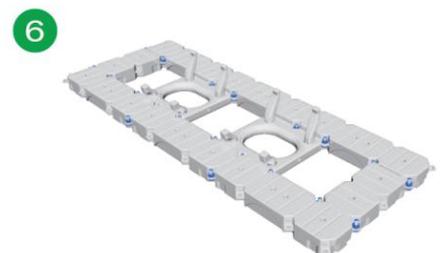
After installation legs, we call it main floating body unit.



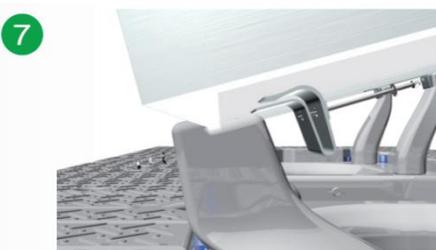
Using Connection Pin to connect the Single Floater and Connected Floater.



Using Connection Pin to connect Main Floater and Connected Floater.



Finished floating part installation.



Using Clamp Kit and Screw Kit to fix solar panel on the Front Legs.



Using Clamp Kit and Screw Kit to fix solar panel on the Back Legs.



Finished solar panels installation.