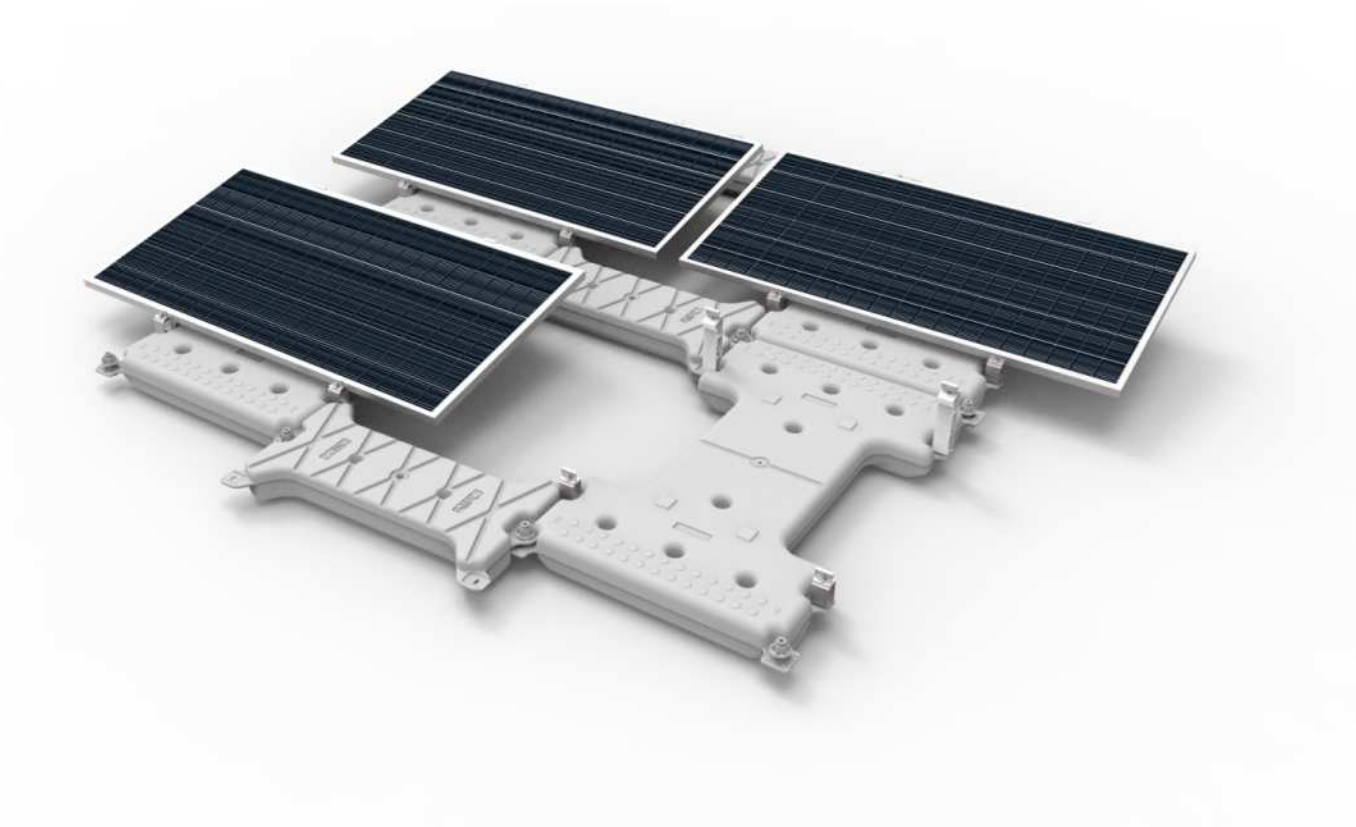


# GS-Power Floating Mounting System Solution

## Floating Mounting System Solution



### ● System Introduction

The floating mounting system adopts new environmental protection materials, which can withstand the changes of the natural environment and low temperature, anti-ultraviolet, anti-aging, pollution-free, and does not damage the environment. The entire pontoon is seamlessly formed at one time, has no water seepage, no water retention problems, and can be recycled use. The upper surface of the float body adopts a non-slip pattern design, which is safe and stable. The product has high bearing capacity, stable cylinder and good durability. The assembly is simple, fast, and flexible. The overall modular structure has bright colors and beautiful shapes.

### ● Features

- The pontoon is made of new environmentally friendly materials, anti-ultraviolet, anti-aging, and recyclable;
- Easy to assemble, the overall appearance design of modular structure, beautiful appearance;
- Zero maintenance, no maintenance, replacement and overhaul costs;
- It has high load-bearing capacity, stable simplified characters and good durability

### ● Suitable Power Plant Project

It is suitable for power plant projects in lakes, rivers and oceans.

### ● Technical Information

Floating body material	High density polyethylene HDPE
Anti-UV method	Paint gray, add UV absorber and anti-aging agent
Angle	10°
Main buoyancy	≥150kg
Wave hight	<1m
Flow rate	<2m/s
Wind resistance	Grade 12
Temperature	-40°C-100°C
Module specifications	Frame
Module setting direction	Level
Material	High-strength aluminum alloy

### ● Advantages of the product

Power generation efficiency	<b>Floating PV power plant</b> Good cooling effect to the PV components, 10% higher efficiency, long-term advantage	<b>Conventional power plant</b> General efficiency
Construction Cost	<b>Floating PV power plant</b> 5%-8% higher initial input	<b>Conventional power plant</b> Less cost
Construction	<b>Floating PV power plant</b> Less work, shorter construction period	<b>Conventional power plant</b> More work, longer construction period
Maintain	<b>Floating PV power plant</b> Strong resistance to natural disaster, simple cleaning and maintenance	<b>Conventional power plant</b> Weaker resistance to natural disaster
Ecology	<b>Floating PV power plant</b> Pollution-free, inhibition to the algae growth and water evaporation	<b>Conventional power plant</b> Ecological damage during construction
Area	<b>Floating PV power plant</b> 200 acre/10MW	<b>Conventional power plant</b> 300 acre/10MW
Site requirements	<b>Floating PV power plant</b> Water area, depth over 1 meter	<b>Conventional power plant</b> High requirements