



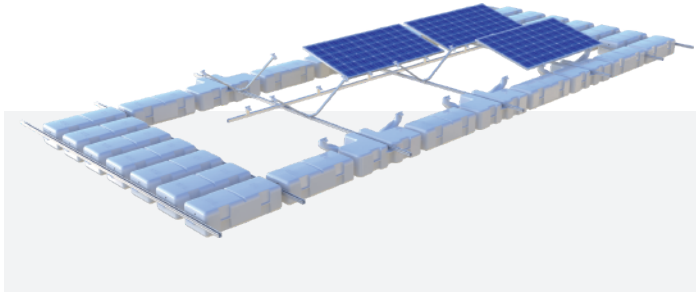
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**MIBET ENERGY**

# MRac Floating PV System G5

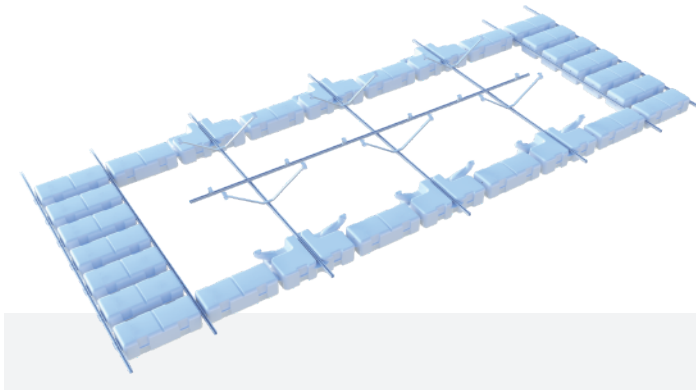
## Overview

MRac Floating PV System G5 is applicable to solar PV power plant installation on the water. Adopting HDPE, POSMAC or hot-dip galvanized steel as the material, it has passed the Hunt Water Absorption Test, Aging Test, Anti-UV Test. Moreover, it can bear much higher pulling force than similar products in the market. The walkway floater and main floater use modular design, which can realize the array of double row with the same facing or symmetrical facing, full maintenance walkway or interval maintenance walkway design, to increase the efficiency of solar power generation and installation capacity. The system is both cost-effective and easy to install, which can achieve the service lifetime to 25 years.



## System Design

## Features



- ◆ Modular design, simple and convenient splice installation.
- ◆ Increase the volume of floater to add the buoyant force of floater.
- ◆ The floater is made of high density polyethylene, which ensures its long service time.
- ◆ The applicable range is much wider when adopting the same tilt angle.
- ◆ Compatible with various solar module, save the cost.
- ◆ Strong weather ability, easy to operation and maintenance.

## Technical Parameter

Product Name	MRac Floating PV Mounting System G5	Design Standard	AS/NZS 1170, DIN 1055, JIS C8955:2017
Installation Site	Lake, Reservoir		International Building Code IBC 2009
Tilt Angle	5°、10°、15°		California Building Code CBC 2010
Wind Load	42m/s	Material	HDPE,SCS,Hot-dip galvanized steel
Snow Load	1KN/m <sup>2</sup>	Fastener	Zinc-nickel Alloy&SUS304
Water Surface Clearance	> 400mm	Small Components	AL6005-T5 (Anodized)
Module Type	Frame or Frameless	Color	Gray or Customized
Panel Orientation	Landscape, fully-covered maintenance walkway in same facing, interval-covered maintenance walkway in same facing	Bearing Weight	Floater150KG/m <sup>2</sup> , Walkway Floater200KG/m <sup>2</sup>
Panel Dimension	2300x1150x30/35/40		Certified by TUV, SGS and qualified consultants in AU, JP,



## Component List

