

ISIFLOATING IS THE MOST **HIGH QUALITY AND DURABLE**
FLOATING SOLAR SYSTEM



Designed to be installed as part of floating solar projects over **multiple water environments**: hydropower plants, irrigation reservoirs, natural lakes, water treatment, quarry lakes, tailing dams, aquaculture farms and others

3 ENVIRONMENTAL BENEFITS



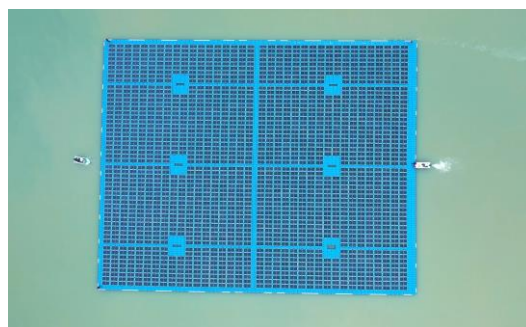
- Increases ~10-15% photovoltaic power performance thanks to cooling effect
- Produces renewable energy closer to power consumption

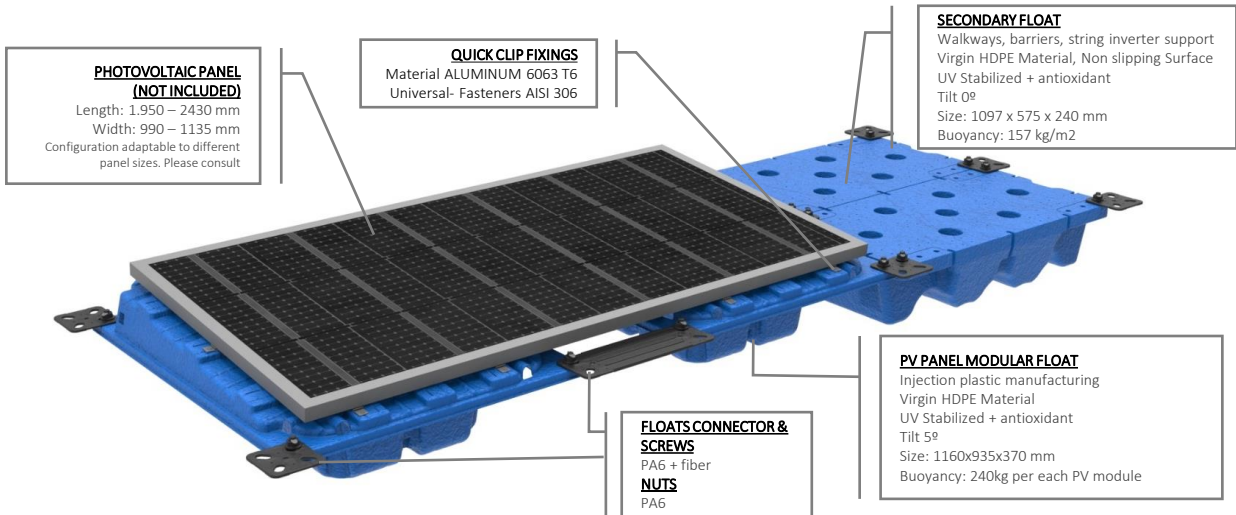


- Reduces water evaporation by ~80% as the system acts as a protective ceiling
- Improves water removing algae and reduces infrastructure maintenance costs



- Preserves land for agriculture, livestock or forestry
- Reduces visual impact and can even takes advantage of non-productive areas





HIGH QUALITY

- Unique and bi-float design to support PV panel using the best materials (Virgin HDPE, UV and antioxidant additives)
- Injection molding process provides larger durability and precision in manufacturing
- Minimum thickness of 3mm in any part of the main float
- Fast speed of manufacturing (1MW DC floats manufactured in less than 5 days)



SAFE

- For people who perform O&M with easy and secure walking access to all solar panels for cleaning and maintenance tasks
- For your investment with real life experience of more than 10 years and use of high-quality materials and specifications
- Greater stability and buoyancy (240 kg/solar panel)
- Minimum wind drag thanks to the aerodynamic design of only 5° tilt angle



ADAPTABLE

- To the different water levels as the floats rest above the embankments of the reservoirs when water goes down
- Start small and then grow the plant in a flexible way
- To reservoirs with small surface areas with a high peak power by area (157 Wp/ m2)
- To strong winds (180km/h), waves (1,0mt or larger mts with breakwater) and extreme temperatures (-20° to +60°C)



COST EFFICIENT

- In logistics and storage thanks to its nestable and stackable design (1 MW DC <8 – 40' containers)
- In installation as it has very few parts, no specialized personnel required, only basic IKEA-like tools
- High speed of installation (1MW only takes 15 days per 5-person crew - 1,5 kW/worker/hour)
- In maintenance as basic personnel and conventional cleaning tools without additional expensive resources