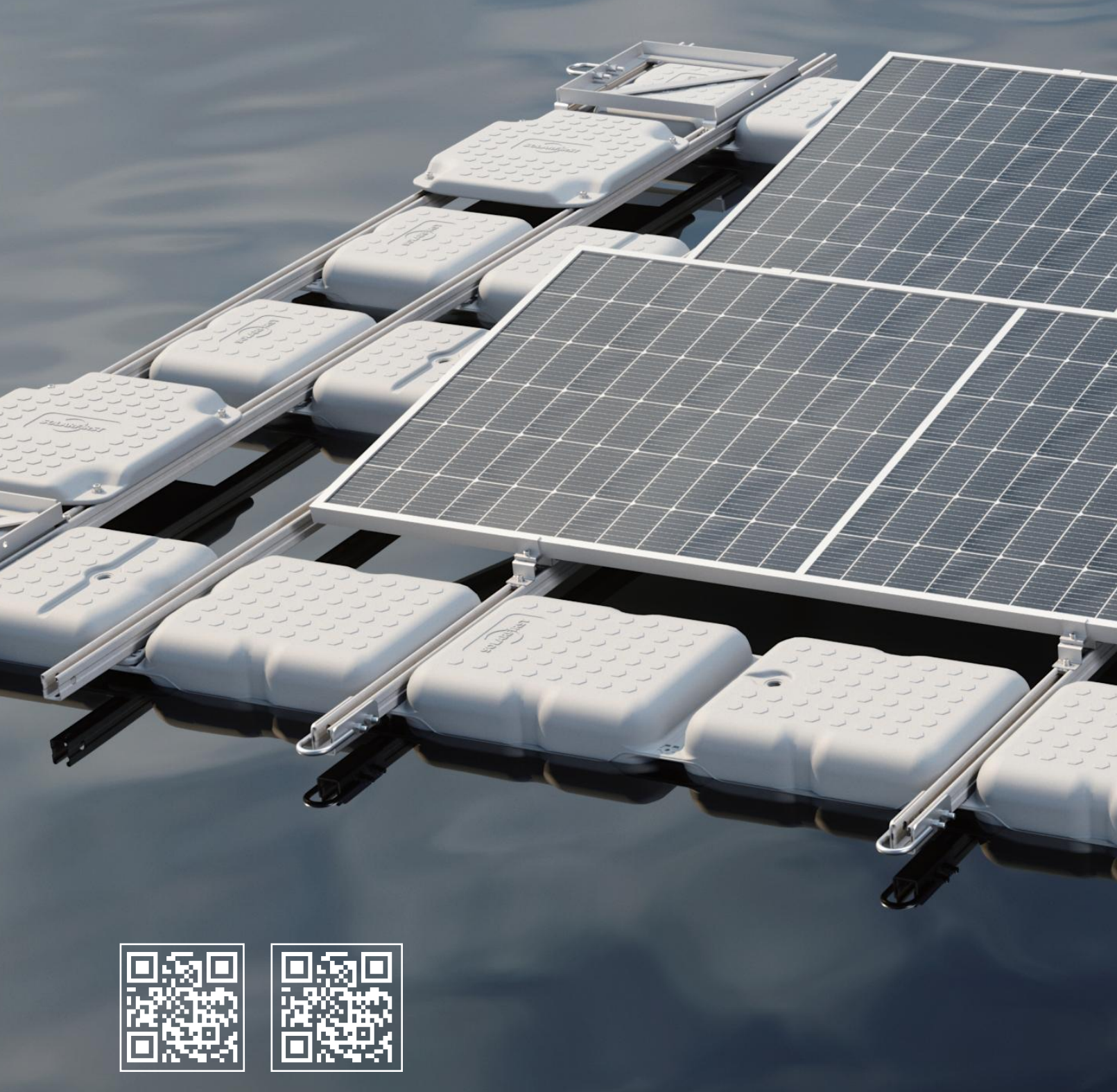




SOLAR FIRST ENERGY TECHNOLOGY CO., LTD.

Web: www.esolarfirst.com www.pvsolarfirst.com

Add: 23th Floor, Building F14, Xiamen Software Park Phase III, Jimei District, Xiamen

✉ E-mail: info@esolarfirst.com

☎ Tel: 86-592-5211388



PRODUCT CATALOG

SOLAR FLOATING MOUNTING SYSTEMS

NEW ENERGY • NEW WORLD







COMPANY PROFILE

SOLAR FIRST ENERGY TECHNOLOGY CO., LTD.

Solar First Energy Technology Co., Ltd. (Solar First) specializes in R&D production and sales of solar photovoltaic product, providing solar power system, solar tracker, solar floating system, BIPV system, flexible mounting system, ground and roof mounting system, solar streetlight, wind and solar hybrid light, and other solutions. Solar First's sales network covers all over China and more than 100 countries and regions, including Europe, North America, East Asia, Southeast Asia, and the Middle East.

Solar First is also a "National High-Tech Enterprise", "Small Technology Giant", "Contract-Abiding and Credit-Worthy Enterprise", "Industrial Enterprise Above Designated Size in Xiamen", "Small and Medium-Sized Technology-Based Enterprise" and "Class A Enterprise in Tax Credit", which researches, develops, manufactures and sells renewable energy products.

Solar First has obtained **ISO9001/14001/45001** system certificates, 6 invention patents, more than 60 utility model patents, 2 software copyrights, and has rich experience in the design and manufacture of renewable energy products.



Web: www.esolarfirst.com www.pvsolarfirst.com www.esolarfirst.cn

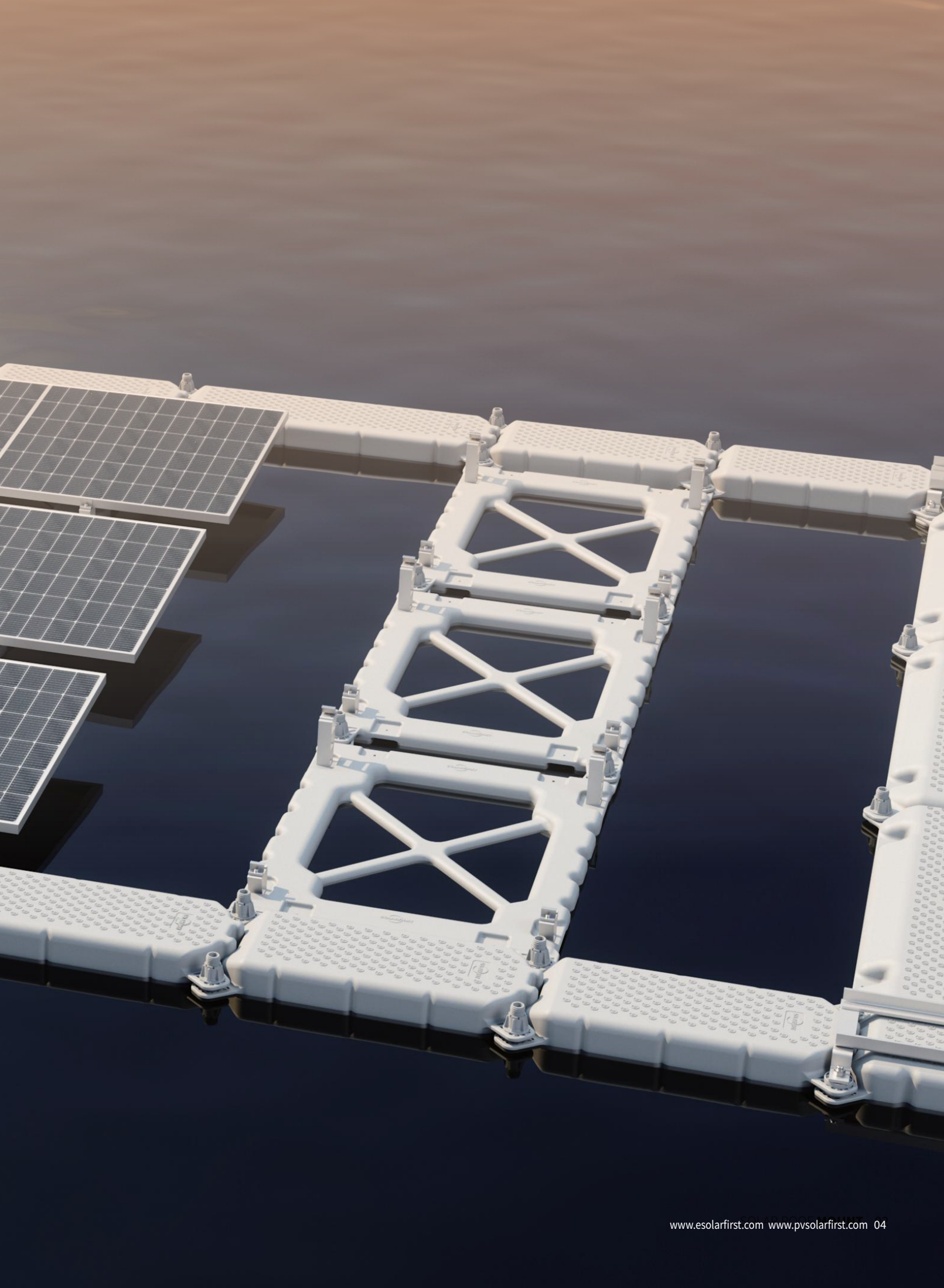
Add: 23th Floor, Building F14, Xiamen Software Park Phase III, Jimei District, Xiamen

✉ E-mail: info@esolarfirst.com

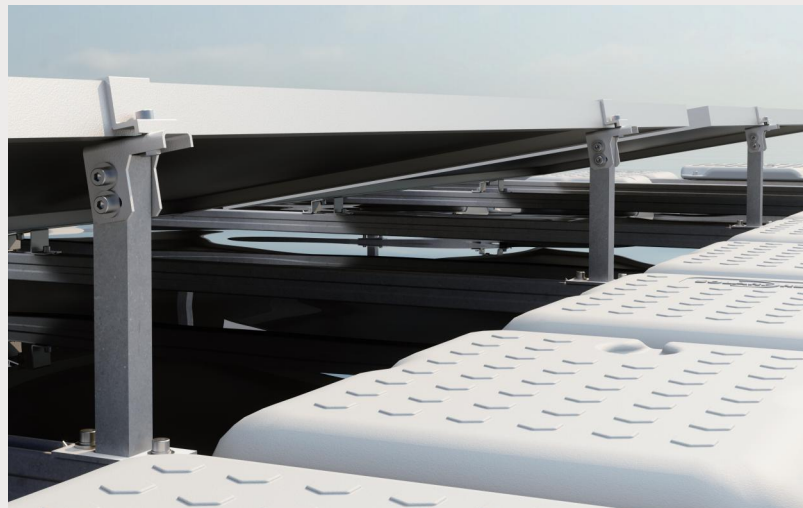
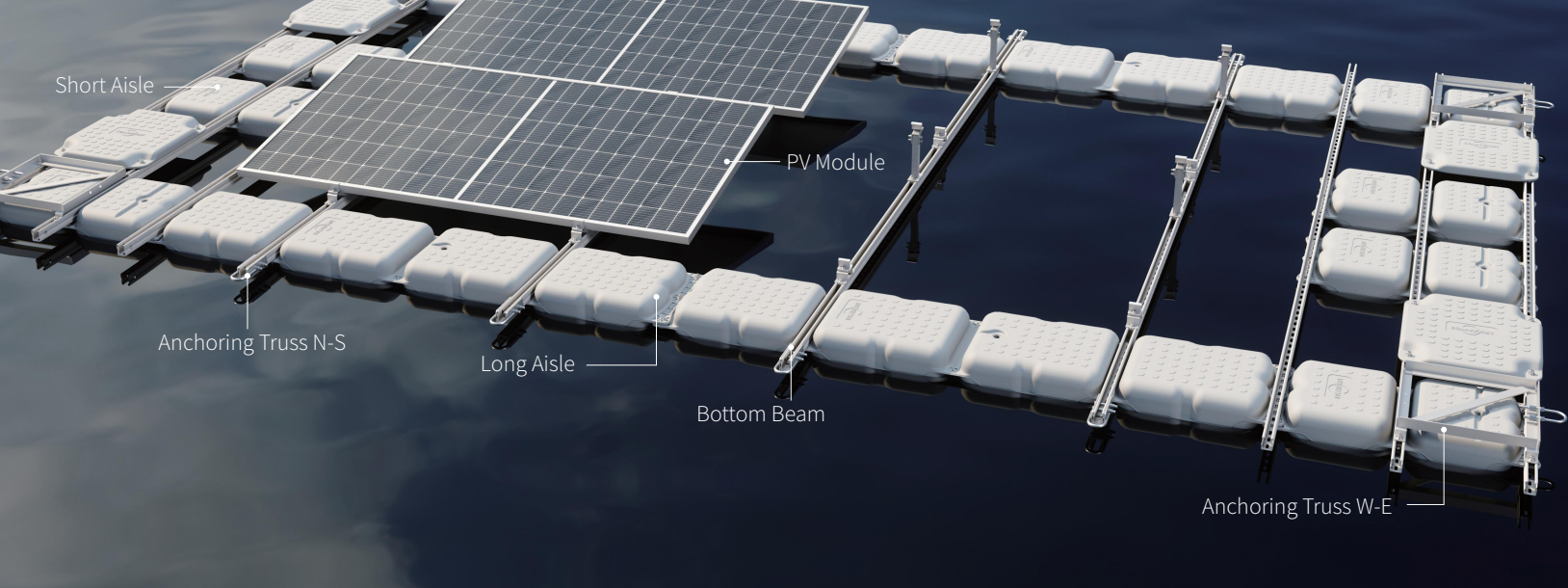
☎ 86-592-5211388

SF **FLOATING** SOLAR MOUNTING SYSTEM





SF FLOATING SOLAR MOUNTING SYSTEM (TGW03)



COMPONENTS



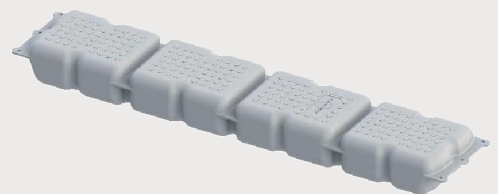
Short Aisle



Aisle Baffle



End Clamp kit



Long Aisle

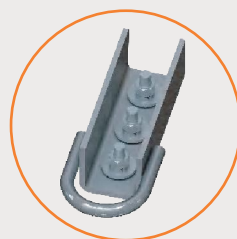
COMPONENTS



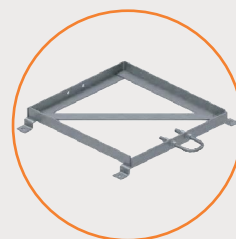
Rear Support



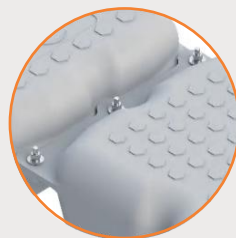
Shackle



Anchoring Truss N-S



Anchoring Truss W-E



Bolt Of Metal



End Clamp Kit



Front Support



Beam

FEATURES & CHARACTERISTICS

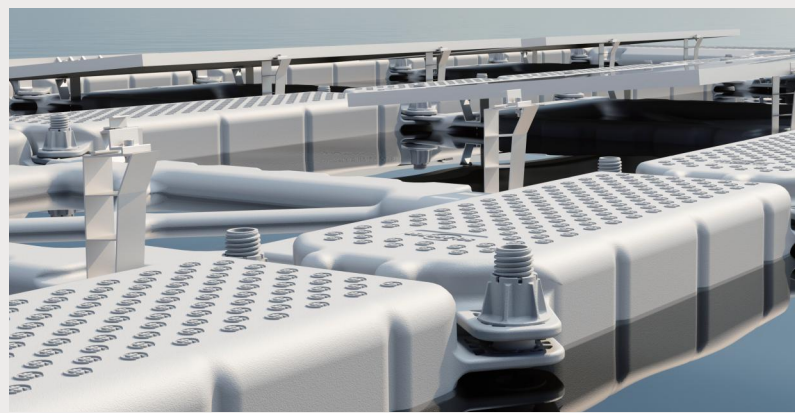
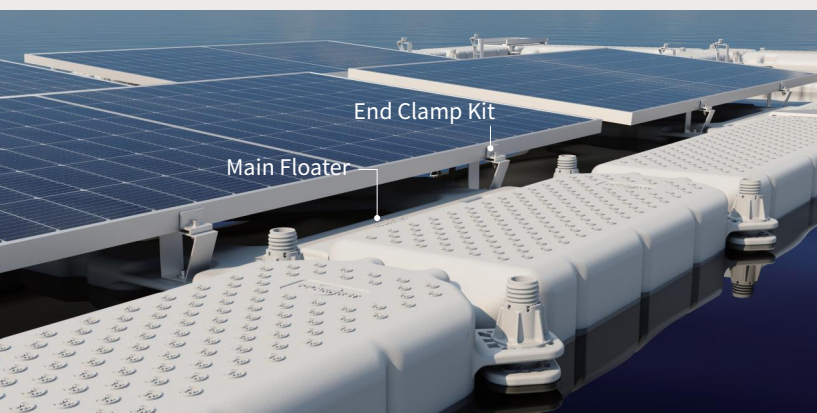
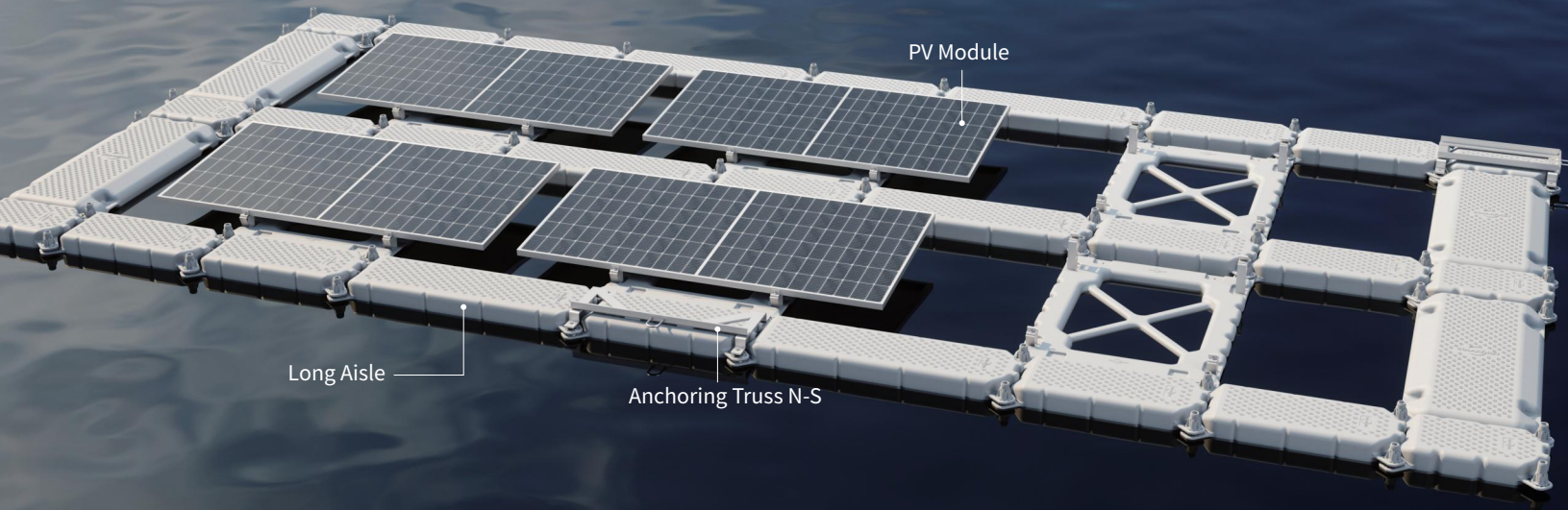
- 01** Applicable environment: lakes, rivers, fish ponds, open-pit mine, reservoirs
- 02** Installation Angle: 0-15°
- 03** Applicable module size: applicable to all framed modules in the market
- 04** Floating body features: The corridor floating body is connected with U steel, the overall rigidity of the phalanx is good, can resist large wind speed, operation and maintenance is more convenient, suitable for all the current market with bezel components.
- 05** Container usage: 6 x 40HQ / MW

TECHNICAL DETAILS

Installation Site	Water Surface
Surface Wave Height	≤0.5m
Surface Flow Rate	≤0.5m/s
Wind Speed	≤60m/s
Snow Load	<0.5KN/m ²
Tilt Angle	5°, 10°, 15°
Standard	GB50009-2012, EN1990: 2002, ASCE7-05/ASCE7-10, AS/NZS1170, JIS C8955: 2017
Material	HDPE, Anodized Aluminum AL6005-T5, Stainless Steel SUS304, Zn-Al-Mg Coated Steel
Warranty	10 Years Warranty

SF FLOATING SOLAR MOUNTING SYSTEM (TGW02)

SINGLE ROWS OF MODULES



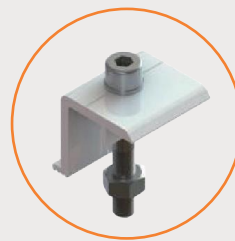
COMPONENTS



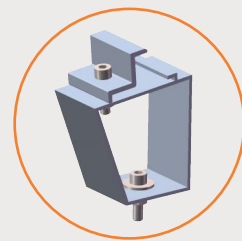
Plastic Fastener Kit 1



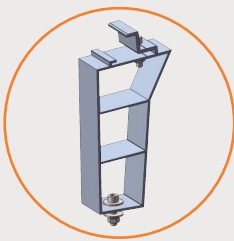
Plastic Fastener Kit 2



End Clamp kit



Front Support



Rear Support



Shackle



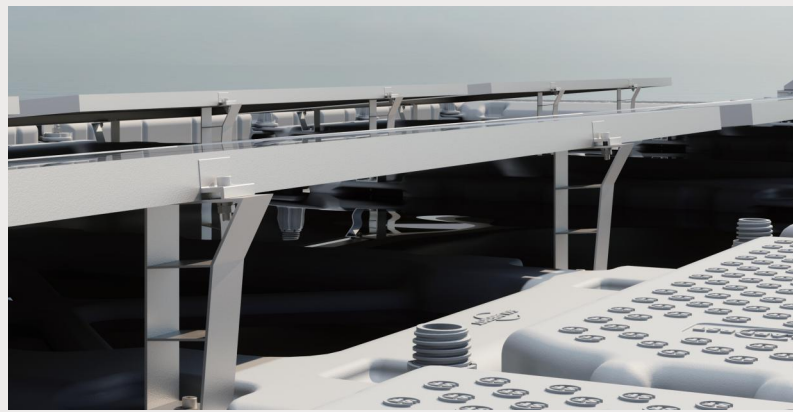
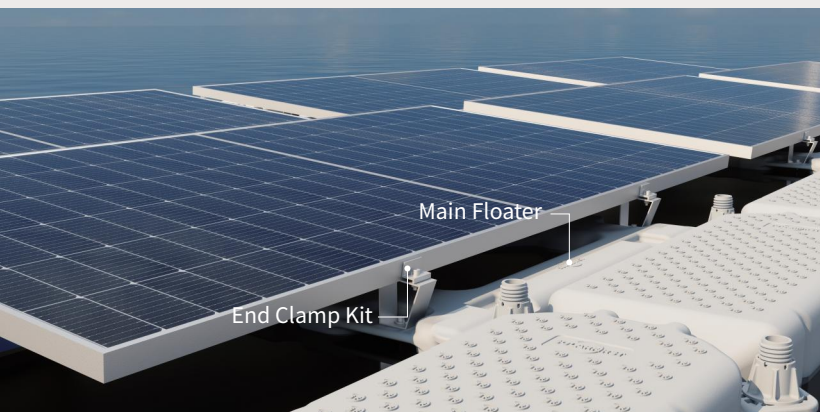
Anchoring Truss W-E



Anchoring Truss N-S

SF FLOATING SOLAR MOUNTING SYSTEM (TGW02)

TWO ROWS OF MODULES



FEATURES & CHARACTERISTICS

- 01** Applicable environment: lake, fish pond, open-pit mine, coast, reservoir
- 02** Installation Angle: 0-20°
- 03** Applicable component size: 2384*1303/2278*1134
- 04** Features of floaters: Every module is supported by main floater, which provide better buoyancy and more flexible layout; the floaters are connected by plastic fasteners, which makes floating platform more flexible and better adapts to complicated water environment.
- 05** Container usage: 13 x 40HQ / MW

SF FLOATING SOLAR MOUNTING SYSTEM (TGW02)

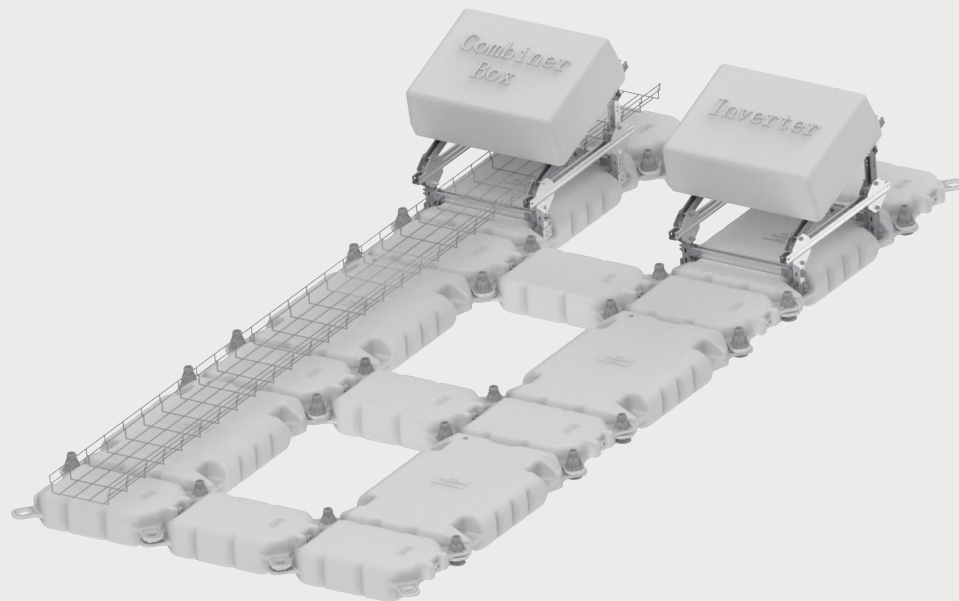
THREE ROWS OF MODULES



TECHNICAL DETAILS

Installation Site	Water Surface
Surface Wave Height	$\leq 0.5\text{m}$
Surface Flow Rate	$\leq 0.5\text{m/s}$
Wind Speed	$\leq 42\text{m/s}$
Snow Load	$< 1\text{KN/m}^2$
Tilt Angle	5°, 10°, 15°
Standard	GB50009-2012, EN1990:2002, ASCE7-05/ASCE7-10, AS/NZS1170, JIS C8955:2017
Material	HDPE, Anodized Aluminum AL6005-T5, Stainless Steel SuS304
Warranty	10 Years Warranty

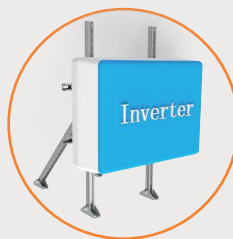
COMBINER BOX / INVERTER BRACKET, CABLE TRUNKING, WALKWAY



COMPONENTS



Combiner Box Bracket

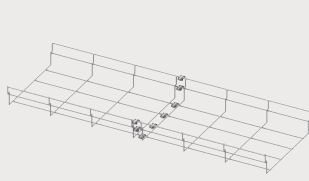


Inverter Bracket

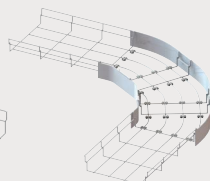


Combiner Box

Types of Trunking

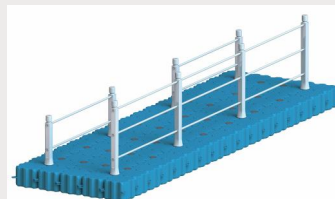


Straight Trunking



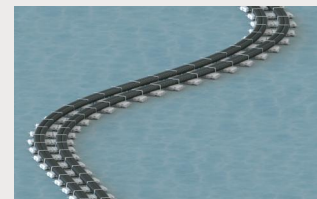
TrunkingTurning

Visiting Aisle



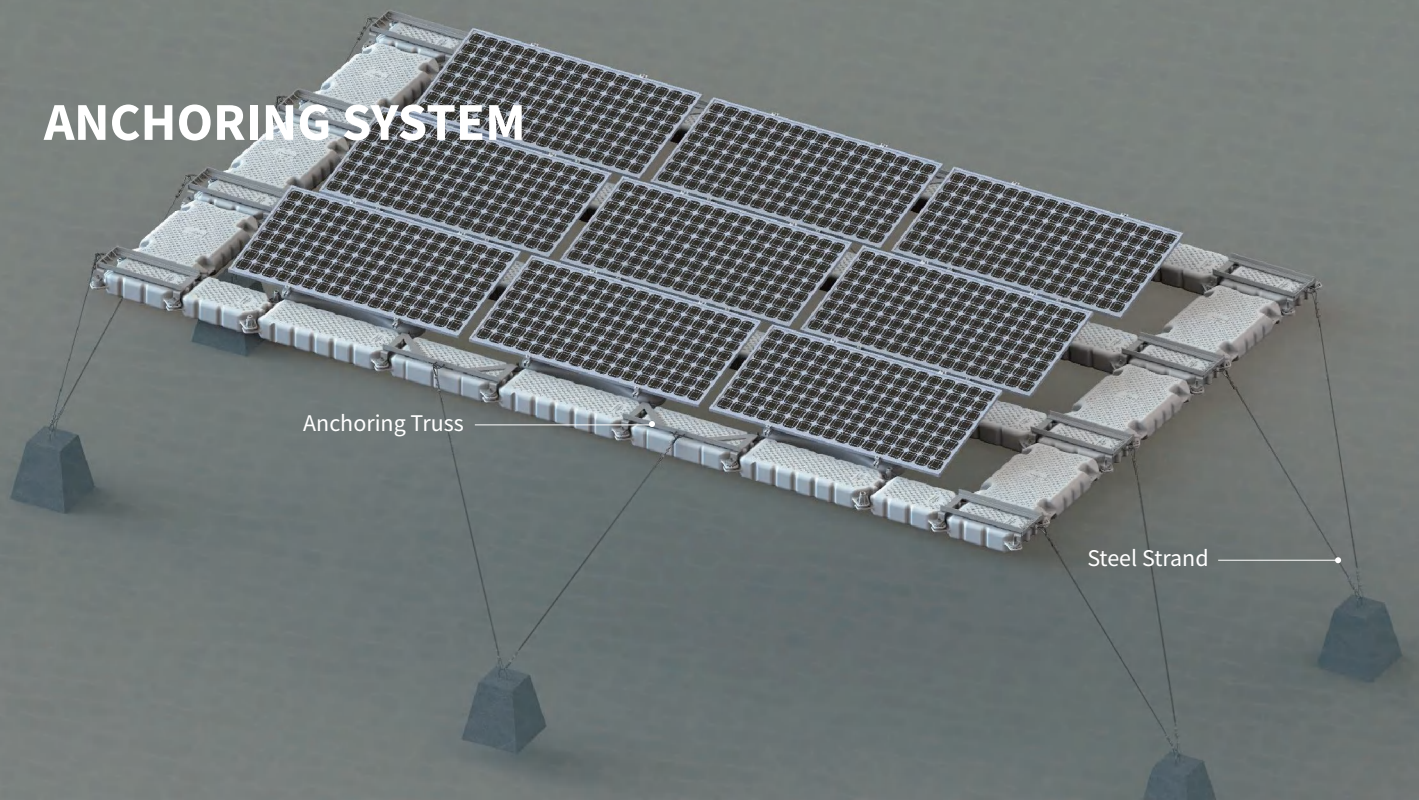
Visiting Aisle

Cable Aisle



Cable Aisle

ANCHORING SYSTEM



COMPONENTS



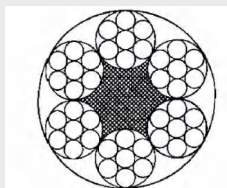
Ring



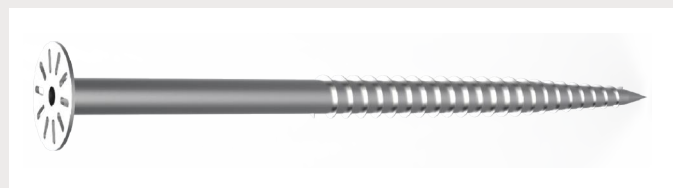
Shackle



Concrete Block

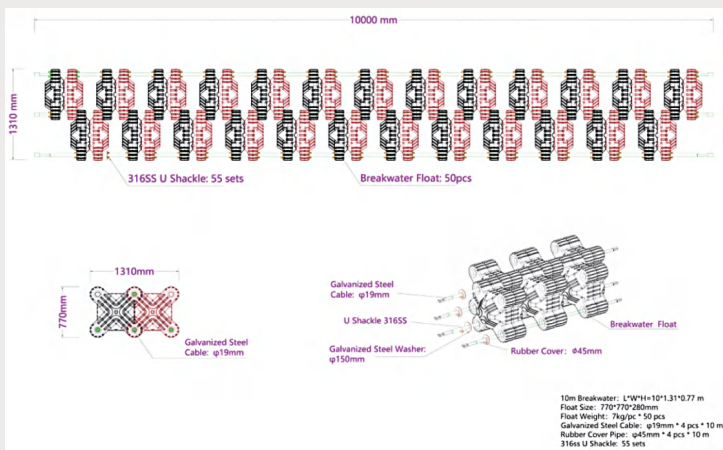
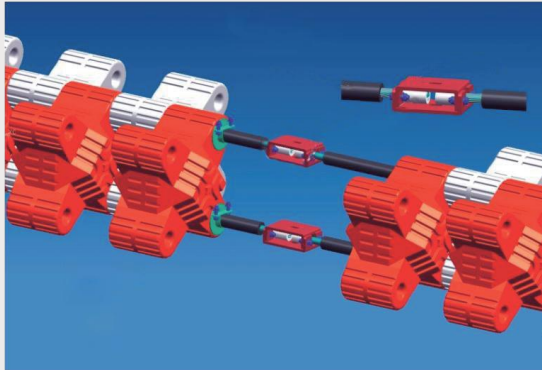
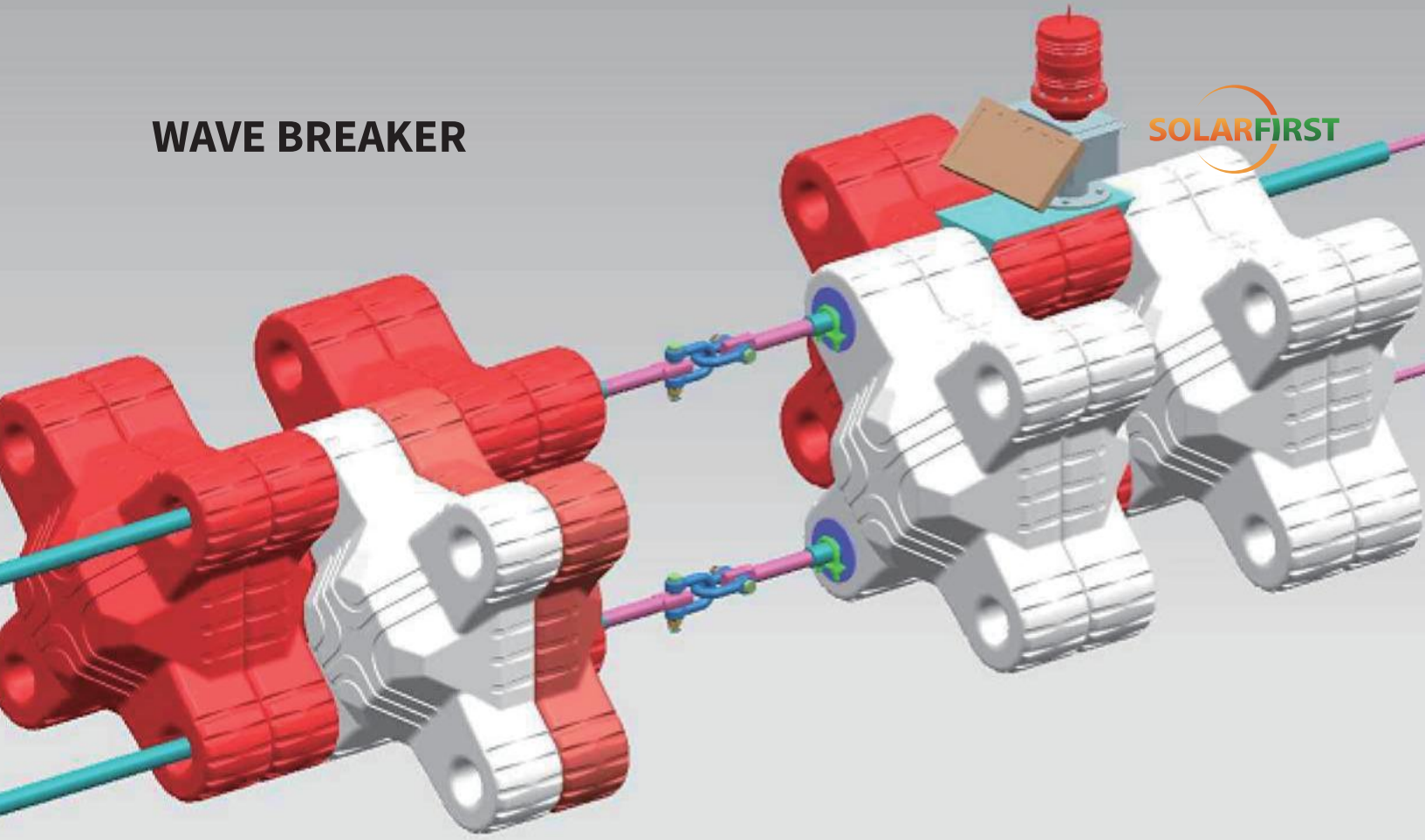


Steel Strand



Screw Pile

WAVE BREAKER



FEATURES & CHARACTERISTICS

- 01** Applicable environment: coast, port, reservoir
- 02** Material: HDPE+SUS 316+ hot dip galvanized steel
- 03** Features: The HDPE material is eco-friendly and recyclable; the solution adapts to various water environment, and is easy to install and maintain
- 04** Container usage: 100 meters / 40HQ
- 05** Wave absorption efficiency: up to 90%

PROJECT REFERENCE



CHINA 35MW FLOATING PROJECT REFERENCE



CHINA 30MW FLOATING PROJECT REFERENCE

PROJECT REFERENCE



CHINA 300KW FLOATING PROJECT REFERENCE



CHINA 20MW FLOATING PROJECT REFERENCE

PROJECT REFERENCE



THAILAND 8MW FLOATING PHOTOVOLTAIC POWER PROJECT



JAPAN 5MW FLOATING PHOTOVOLTAIC POWER PROJECT

PROJECT REFERENCE



INDONESIA 100KW FLOATING PHOTOVOLTAIC POWER PROJECT



JAPAN 800KW FLOATING PROJECT REFERENCE

CERTIFICATES



CPP Certificate Solar Tracker



CE Certificate
Solar Tracker



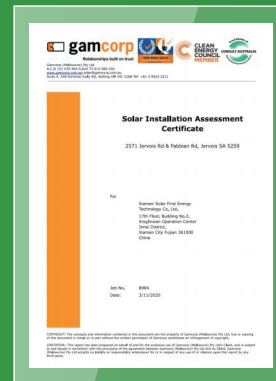
IEC Certificate
Solar Tracker



EN1990 Certificate
Aluminum and Steel



TUV Certificate
Aluminum



Australian Steel Ground
Mount Certificate



Over 60 Intellectual
Property Rights
including Invention Patents



ISO 9001
Certificate



ISO 14001
Certificate



ISO 45001
Certificate



Intellectual Property
Management
System Certificate

HONORS



Business License



National High-tech Enterprise



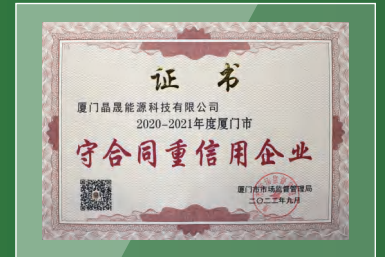
Professional-Specialized-Innovative
Small and Medium Enterprise of Xiamen



AAA Class Credit Certificate



OFweek Vickers Cup
"Excellent PV Mounting Enterprise"



Abide By The Contract
And Credit Enterprise



"Polaris Cup"
Annual Influential
BIPV Solution Enterprise



Top 10 Most
Popular Brand of
PV Mounting System



"Polaris Cup"
Annual Influential
PV Mounting Brands Award



Professional-Specialized-Innovative
Enterprise Market Certificate
of Haixia Equity Exchange