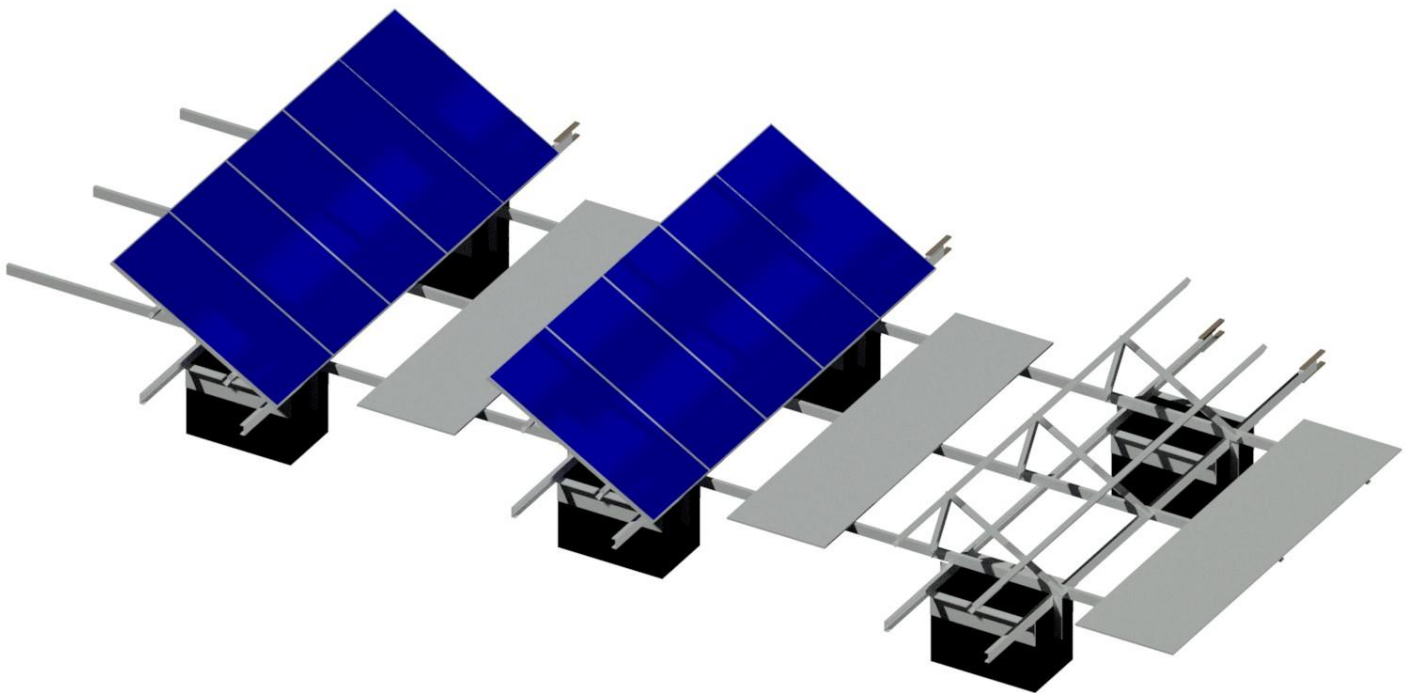




Technical
Datasheet

stanfloat
floating solar energy®

**FLOATING SOLAR SYSTEM
ST-FT**



 **STANSOL**®
photovoltaic solutions

Structures for photovoltaic installations

www.stansolgroup.com

Headquarters Spain
Avda. de los Huetos 79
Vitoria 01010

☎ (+34) 945 710 118
✉ info@stansolgroup.com

APPLICATION IN INDUSTRIES with high need of water and Energy, being the synergy between both of them fundamental at the business.

**AGRICULTURE
WINERIES
FARMS
MINING COMPANIES
WATER TREATMENT
WATER AGENCIES**



TECHNICAL FEATURES

| | |
|-----------------------|--|
| Floating components | Medium density polyethylene with UV protection |
| Structural components | Pultruded composite (FRP) |
| Connections | Elastomeric joints with inox A4 screws |
| Installation anchor | Depending on the characteristics of the Project, anchoring to the ground or bottom |

TECHNOLOGICAL AND ECONOMIC ADVANTAGES

Greater uptake of solar energy, total adaptability in inclination to the location or needs of the project.

High durability of the system > 20 years for the floating and structural components

Return on investment driven by the low costs of the installation, adjusting the number of modules required to the optimal inclination needed in the project

Allows the productive use of the land leaving the water surface for the electric generation

Cooling of solar modules due to the effect of water, increases the energy production

Connection points close to the generation

Easy installation, no need for heavy machinery

Modular configuration

ECOLOGICAL ADVANTAGES

Significant reduction in water evaporation that allows the irrigation to be maintained

Algae growth is reduced

No impact on water quality

Visual impact is reduced

PROJECT OPTIMISATION

The most competitive structural-floating-anchoring solution is established, integrating the optimal inclination of the solar modules, to the power needed in the installation

Sizing according to structural regulations, of wind, maintenance, swell, etc...depending on the project location (national-international)

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*Patented technology

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