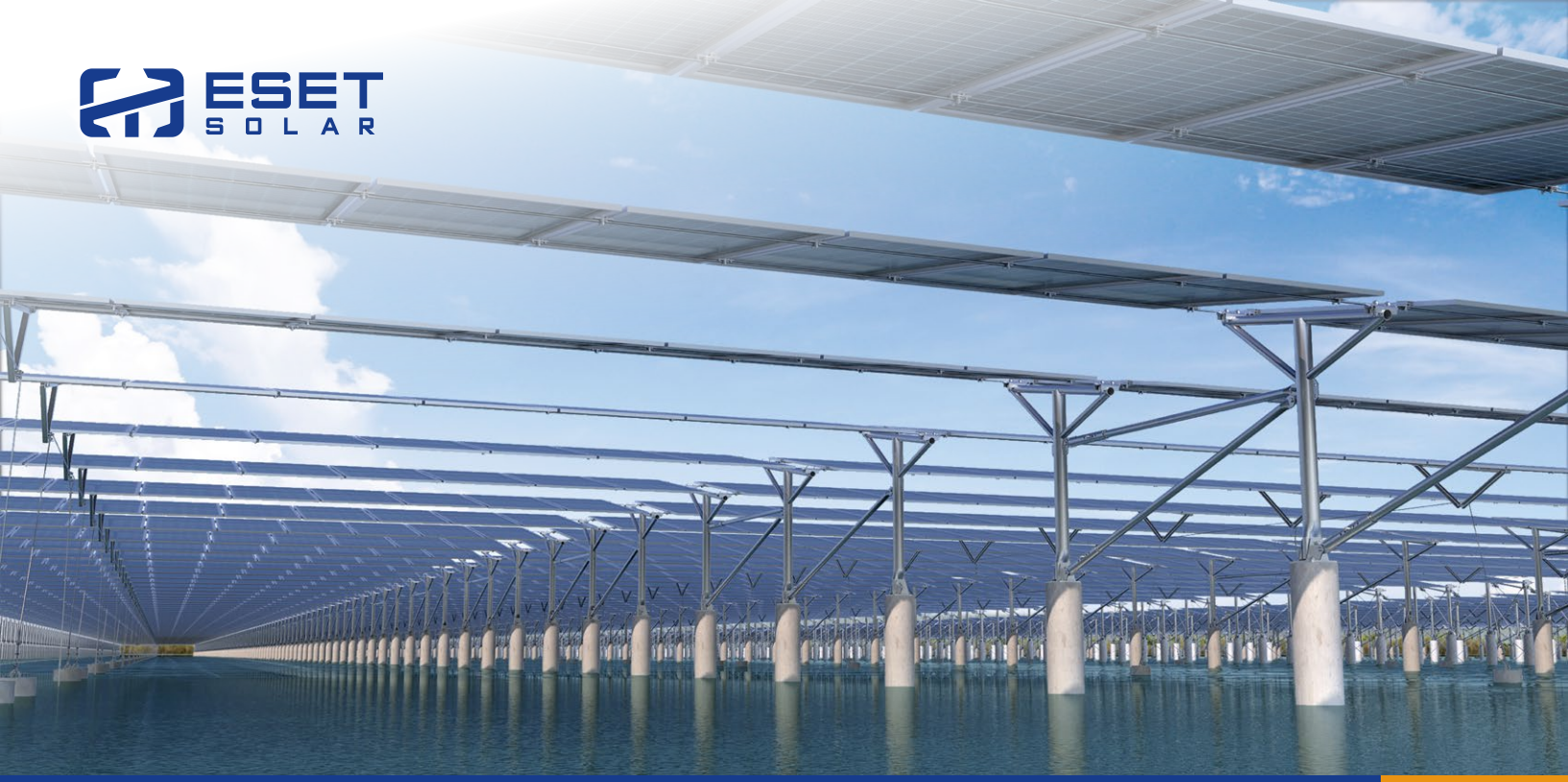

PV FLEXIBLE MOUNTING SYSTEM-HONSINE-2CABLE

The system utilizes an innovative dual-cable self-balancing mechanism, combining pre-stressed cables and the main steel frame into a synergistic load-bearing structure. This technology effectively overcomes construction and application challenges in complex terrains such as steep slopes, deserts, and ponds. It significantly reduces the number of foundations, lowers land development requirements, and increases the installed capacity per unit area, boosting project investment returns. It has become the go-to, high-efficiency technical solution for complex mountainous photovoltaic installations, fishery-PV complementary projects, and other integrated applications.

High Stability Protection	• The damping system combined with dual-anchor fixation enhances wind and seismic resistance, ensuring long-term safe operation in harsh environments.
Efficient Compact	• Standardized modules and spatial reuse substantially lower construction costs and improve investment returns.
Terrain Adaptability	• With flexible self-adaptation and rotational anchoring, the system easily handles complex landscapes and simplifies engineering challenges.
Versatile Application	• Breaking through scene limitations, the system is fully compatible with various application scenarios, including rugged mountains, arid deserts, aquaculture solar integration, and solar parking areas.

Reliable Support **Sustainable Future**

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BASIC SPECS

Parameter Name	Specific Specification/Description
Structural Form	Single-layer Cable Structure
Component Inclination Range	Applicable Inclination Angle Range: 0°~50°
Single-span Span	Single-span Length: ≤25m
Pile Foundation Type	Pile Foundation Type: Bored Pile, Prestressed Pipe Pile, Anchor Foundation, Isolated Foundation
Structural Material	Structural Material: Hot-dip Galvanized SteelZinc-Aluminum-Magnesium High-Strength Steel
Wind Resistance Design	Wind Resistance Design: Maximum Design Wind Speed 40m/s
Terrain Adaptability	Terrain Adaptability: Slope ≤60° North-South-East-West
Operating Temperature Range	Operating Temperature Range: -30℃~+60℃
Component Type Compatibility	Component Compatibility: Compatible with All Components
Max Component Bearing Capacity	Maximum Component Bearing Capacity: ≤500kg/m^2
Warranty Period	Warranty Period: 1~3 Years
Warranty Scope	Warranty Scope: Structural Main Body, Connecting Parts