

Flexible Mounting System iCross Series

All Application Scenarios Are Covered

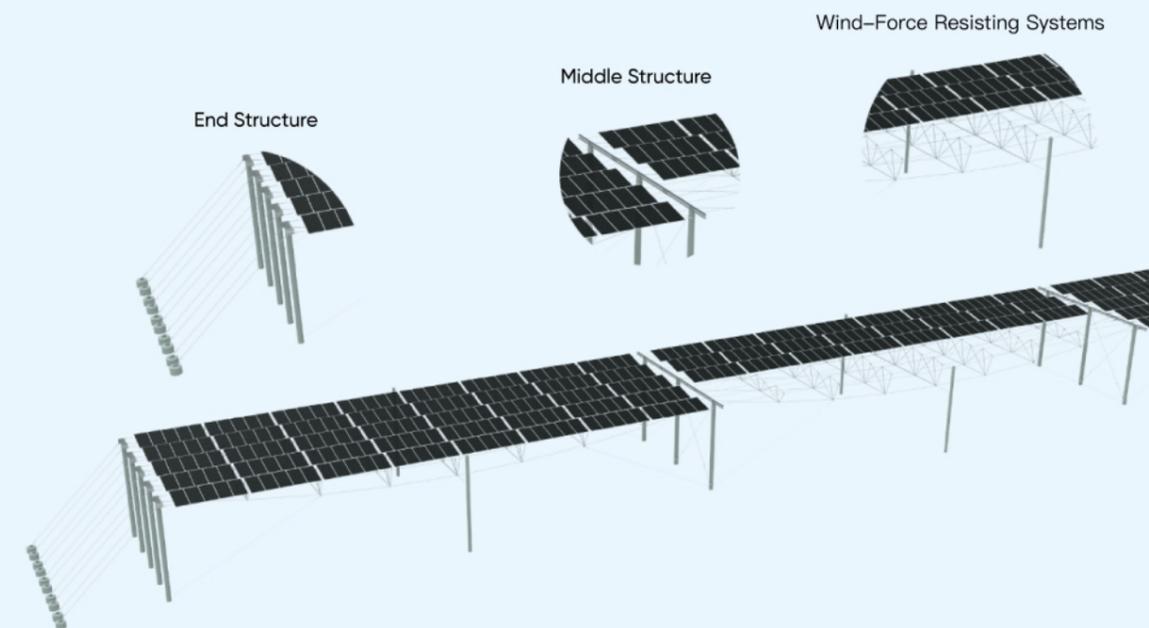
<p>Mountainous Complex Terrain</p> <ul style="list-style-type: none"> · Save Land Resources (More Than 30%) · High Terrain Adaptability (Rock, Soil Layer) · Protect Woodland Landform 	<p>Agriculture-Complementary Solar Power Station</p> <ul style="list-style-type: none"> · High Headroom · Protection of Original Landforms 	<p>Aquaculture-Complementary Solar Power Station</p> <ul style="list-style-type: none"> · Less Amount of Pile Foundation 	<p>Other Application Scenarios</p> <ul style="list-style-type: none"> · Sewage Treatment Plant · Span Building Structure
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Multidimensional Product Testing and Analysis
Effectively Solve the Problems of Wind Vibration and Hidden Cracks

AKCOME iCross Flexible Mounting
Wind Tunnel Test, Finite Element Simulation Analysis

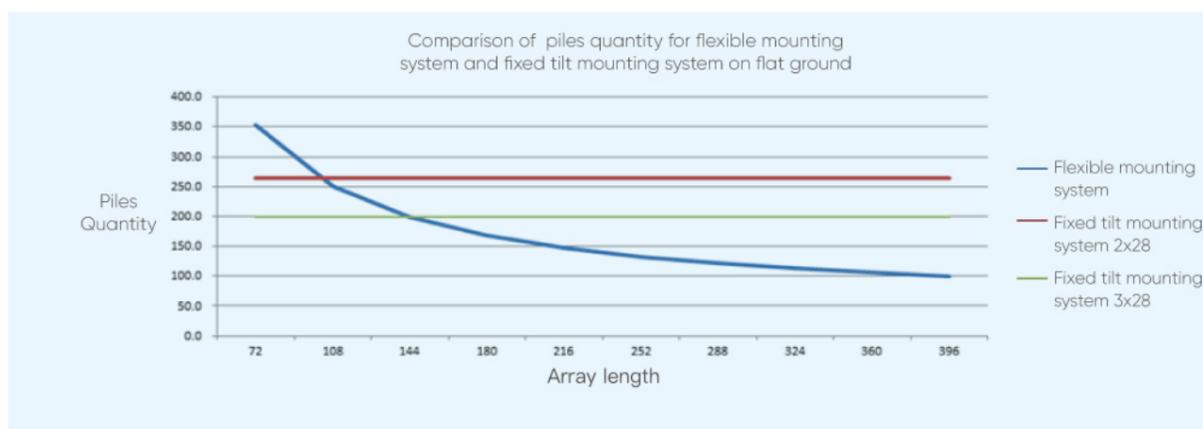
Single-Layer Cable Structure, Double-Layer Cable Structure
Modal Analysis, Wind Vibration Coefficient Analysis, Aerodynamic Instability Analysis

iCross-F Flat Ground Flexible Mounting System



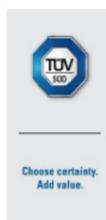
iCross-F Parameters

Type	Single-row three-cable flexible mounting system
Structural materials	Hot-dip galvanized/magnesium-aluminum-zinc steel, prestressed steel strand
Basic form	Cast-in-place pile/PHC
Structural span	≤60m
Product advantages	Large span and high clearance, saving up to 60% of basic quantity
Application scenario	Fishery /agriculture-solar hybrid solution



Test Report

Report Number: 70.407.24.365.01-00
Date: 2024-03-20
Page: 1/21
Client: AKCOME METALS TECHNOLOGY (SUZHOU) CO., LTD.
Address: No.108, West Jintang Road, Zhangjiagang Economic Development Zone, Jiangsu P.R.China



The client has provided and confirmed the following samples:

Sample Number	Flexible Mounting System Model	Module Specification	Description	Image
1#	iCross	TSM-660DEG21.20	Dual-Glass Module	
2#		TSM-655DEG21.20		

Summary of Testing

Test Item	Test Item	Standard	Result
Sample Quantity	2pcs		
	Prestressed Steel Strand Flexible Mounting System Photovoltaic Module Mechanical Cycle Fatigue Deformation Test/Module Hidden Crack Test	According to Customer Design Requirements	Passed

组件隐裂问题研究

柔性光伏支架 风洞测试

Wind Tunnel Test for Cable-supported Photovoltaic Module System