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EzTracker D2P Pro

Newest Generation 2 x Portrait Smart Solar Tracking System

EzTracker D2P Pro is characterized by high system stability throughout the life cycle, maximizing the energy output for solar plants. Thanks to the patented multi-drive design, the system can still maintain excellent aeroelastic stability in extreme weather without dampers. Furthermore, EzTracker D2P Pro can be flexibly used for sites with challenging soils, high winds, and irregular terrains. This system delivers a perfect solution for "Agriculture+PV" and "Fishery+PV" projects.

Higher Power Density

With flexible 2P module configuration, EzTracker D2P Pro requires only nine posts to support up to 120 modules with 4×1,500V-strings.

Lower Construction Costs

Thanks to the innovative multi-drive design, no complicated transmission mechanism is required during installation and debugging. EzTracker D2P Pro also requires fewer parts, fasteners, and foundations for one single solar tracker per megawatt, which allows for significant savings of labor costs and shorter construction time even on challenging sites.

Higher Generation Performance

EzTracker D2P Pro is compatible with monofacial or bifacial PV modules up to 600W+. And it is integrated with the advanced AI control and energy yield enhancement platform.

Better Quality & Reliability

Quality and reliability are taken into account for the design and testing of every component and system across our supply chain and manufacturing operations. Optimized based on dynamic wind analyses, EzTracker ensures uptime and long-term durability.

Features and Benefits

Industry-leading

Multi-drive system for maximum aeroelastic stability

Bifacial-suited

Maximum energy output, with power generation increased up to **30%**

Advanced Smart Control

Energy yield enhancement platform

Flexible Adaptability

Up to **20%** N-S slope tolerance, with flexible layout for irregular terrains

Clenergy HQ

999-1009 Min'an Rd, Huoju Hi-tech Ind. Dev. Zone Xiang'an District 361101, Xiamen, Fujian, China T: +86 592 3110 088 E: sales@clenergy.com

@ClenergyGlobal @ClenergyClub @ClenergyAUS @ClenergyThailand @Clenergy @ClenergyClub @Clenergy_global www.clenergy.com

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TUV Certification

RWDI Wind Tunnel Test



PV-Modules

PV-Modules supported	Fully compatible with 180-210 silicon wafers' PV-Module- 600W+

Structure

Type	Horizontal single-axis, independent row
Maximum capacity per row	65kWp (Estimated with 545W PV-Modules)
PV-Modules quantity per row	Up to 120 modules, depending on module string length
Bifacial features	Available with optimized central torque tube gap
PV-Modules configuration	2 in portrait 4 x 1,500 strings per standard tracker
PV-Modules attachment	Self-grounding and electrical tool-actuated
Tracking range	±60°(120°)
Tracking accuracy	≤2°
Ground coverage ratio (GCR)	30% to 50%
Structural materials	HDG steel
Foundation	Steel pile, PHC pile, Concrete foundation
Quantity of foundation/MW	Normally about 135 PCS/MW (Standard W8 section foundation posts)

Electrical

Motor type	24V DC Motor
Drive method	Patented multi-drive
Solar tracking method	Astronomical algorithm + closed-loop control integrated AI control tracking algorithm
Signal transmission	Wire (RS485) or wireless (Zigbee)
Backtracking	Yes
Power supply	Option1: Array powered, integrated backup battery Option2: AC powered, customer-provided AC circuit

Protection function

Night stow mode	Yes
Wind protection	Intelligent wind stowing with self-locking Multi-drive system for maximum array stability in all wind conditions

Environment

Wind load	Configurable up to 190 kph
Operating temperature	Array powered: -20°C to +60°C AC powered: -30°C to +60°C

Civil and Installation

Slope tolerance	North-south up to 20%, East-west with no limits
Special tools	Not required

Other

Onsite training & commissioning	Yes
Codes and standards	UL 3703 I UL 2703 I IEC 62817
Warranty	10 years for main structure 5 years for drive and control components