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## Two Rows per Tracker

Agile<sup>™</sup>-1P is a dual-row tracker with one primary slewing drive in one row and one secdonary slewing drive in another row. Two slewing drives share one motor and one TCU.



## Innovative SuperTrack Technology

According to real-time weather and actual terrain conditions, smart algorithm dynamically optimizes tracking angle, increases receiving radiation and reduces shading loss.

Up to 8% yield gain



## More Modules per Tracker

Compatible with modules up to 670W+



## **Designed for Challenging Conditions**

The Agile  $^{\rm TM}\mbox{-}1P$  has been designed for sites that have both challenging terrain and high wind conditions

Up to 20% N-S slope.

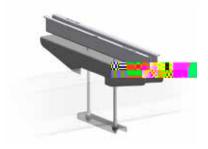


## **Higher Reliability**

The two slewing drives in Agile™-1P are connected by a transmission bar with a cardan design that improves the transmission efficiency, also has an optimized stow position and alarm strategy for a safer and more robust structure.

#### **TRINA CLAMP**

Trina Clamp is a proprietary product that is quick and easy to use with the 1P configutation, reducing the installation time and costs.



#### WIND TUNNEL TESTED BY CPP

Detailed wind tunnel test methodology to reproduce the most realistic tracker behavior and analyze the aerrolastic effects that impact tracker structures.



# **TECHNICAL SPECIFICATIONS**

### **GENERAL FEATURES**

Solar tracker type	Horizontal Single-Axis with two rows
Tracking range	±60° (120°)
Driver	Cardan joined slewing drive
	One module in portrait (1P) up to 2 strin
Solar module supported	Framed
Foundation options	Direct ramming, Pre-drilling + ramming,
Pile section	W, compatible with IPE, IPEA, HEA and H
Modules attachment	Bolts, Rivets, Clamps (frameless)
Piles per MW (550Wp module)	~273 piles/MW <sup>(2)</sup> (60 modules per row)
(670 Wp module)	~248 piles/MW <sup>(2)</sup> (54 modules per row)
Terrain adaptability	20% N-S, 10% E-W <sup>(3)</sup>
Wind and snow loads tolerance	Tailored to site requirement
Rear shading factor	1.27%

#### STRUCTURE

Material	High Yield Strength Steel
Coating	HDG, Pregalvanized & ZM(4)

## ELECTRONIC CONTROLLER SPECIFICATIONS

Controller	Electronic board with microprocessor
Ingress protection marking	IP65
Tracking method	
Advanced wind control	Customizable
Anemometer	Cup / Ultrasonic
Night-time stow	Configurable
Communication with the	

Grid connection / String powered / Self-p

ther coating under request, please cons

## WARRANTY

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(2) Depending on layout

(3) N-S: max 20%, for slopes higher than 10% consult with TrinaTracker E-W: max 10%, for slopes higher than 5% consult with TrinaTracker