# **Trina**Tracker

# TrinaTracker Vanguard<sup>™</sup>-1P



#### **Compatible with Larger** Modules

Compatible with modules up to 670W+.

#### **Higher Reliability**

Optimized torque tube improves the torsional resistance by **29.6%** and the bending resistance by 12.4%



## **Higher Stability**

Bi-damper system improves the tracking system's resistance to wind by 20%



#### **Quick Installation Design**

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



#### **BILATERAL DAMPER SYSTEM**



#### **SPHERICAL BEARING**

Global patented spherical bearings with up to 30% angle adjustability, alleviate the damage caused by uneven foundation settlement during operations. The spherical bearings dissipate the extra stress caused by the deformation of the tracker system, thus reduce the load and failure rate of each component.



### **TECHNICAL SPECIFICATIONS**

GENERAL FEATURES	
Wind and snow loads tolerance	EE m/s (This value depends on project conditions)
	SS m/s ( mis value depends on project conditions)
STRUCTURE	
Material	High Yield Strength Steel
Coating	HDG, Pregalvanizde & ZM <sup>(3)</sup>
CONTROLLER	
	Electronic board with microprocessor
	IP65
	Customizable
	Cup / Ultrasonic
	Wireless option: RS 485
	Altitude < $4000 \text{ m}^{(5)}$
	Digital inclinometer
	DC motor: 0.15 kW
	Grid connection3295a1.5Tf0.04.3725 34 (e: -hPE9ast)1pkW

#### WARRANTY

Warranty period of 10 years for the structural set of elements which is the war of the structural set of elements which is the

Warranty period of 5 years for commercial components (including but not limited to drive system, electrical system, bearing set, fasteners, etc.)

\*1 Depending on layout

- \*2 For scenarios beyond the scope of use,please consult TrinaTracker \*3 Standard configuration, Other coating under request, please consult
- TrinaTracker

\*5 Standard configuration. Different conditions under reques, please consult TrinaTracker