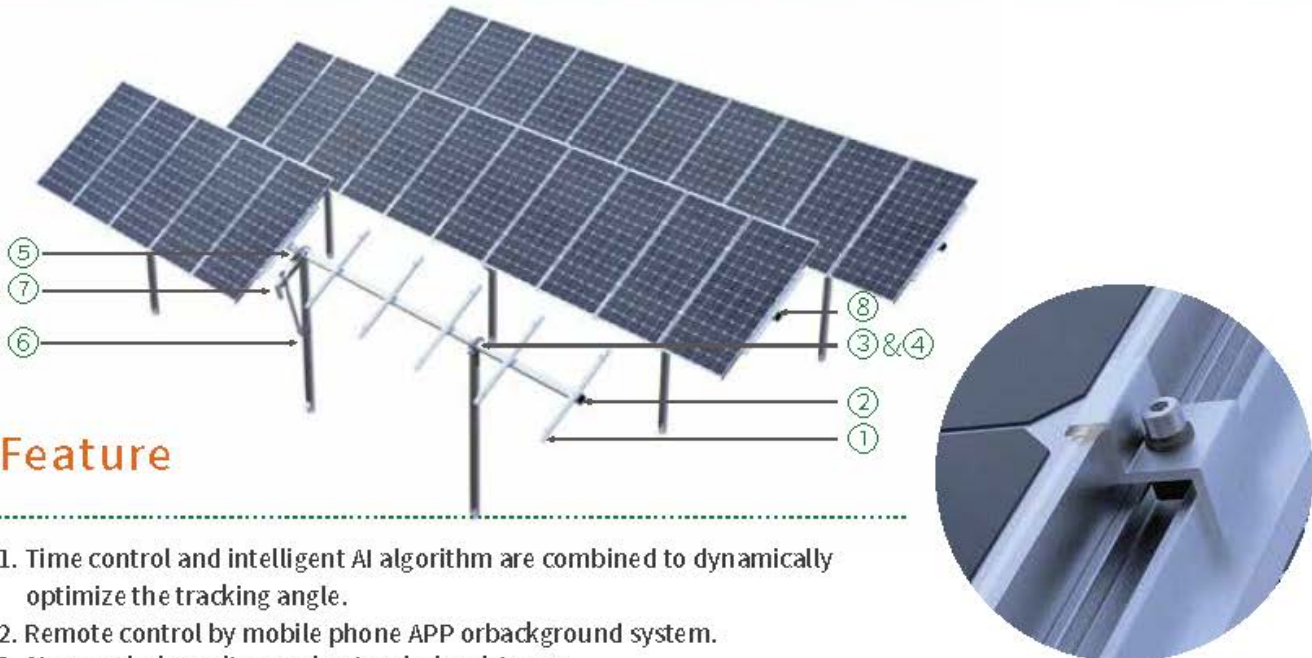


2.1.2 DT 1.0 Horizontal Single-Axis Tracking System



Feature

1. Time control and intelligent AI algorithm are combined to dynamically optimize the tracking angle.
2. Remote control by mobile phone APP or background system.
3. Strong wind monitor, and auto wind resistance.
4. Time-controlled tracking of sun angle.
5. Maximum utilization of sunlight.
6. Safety & Protection: overheat protection, over current protection, abnormal drive unit, limit protection.

Specification

Tracking range (East-west) : $\pm 45^\circ$

Operating temperature range: $-40^\circ\text{C} \sim 70^\circ\text{C}$

Materials: AL6005/Q235/ SUS304

Tracking accuracy: $< \pm 2^\circ$

Module Layout: 1*20 Panels

Protection class: IP65

Application: outdoor, urban areas, deserts, mountains, and marshes.

Wind load: Wind protection starts when wind speed reaches 18m/s; Max wind resistance at 42m/s

Component



① E40 Rail



② Beam Support



③ Bearing seat A



④ Bearing seat B



⑤ Axis Support



⑥ Push rod clamp



⑦ Rocker



⑧ End Clamp