

## KST-2P

### Double Portrait Horizontal Single-axis Tracker



#### KST-2P Tracker Specifications

STRUCTURE	
Maximum Capacity per Row	54KW (2 or 3 Strings of 210 Type Module)
PV-Module Quantity per Row	2P x 45, 2P x 30
Tracking Range	±45°- ±60° (Customized according to project)
Terrain Adaption	10° N-S, Unlimited E-W Slope
Fixed Tilt	Customized on Fixed Tilt Angle in N-S Available
Tracking Accuracy	±1°
Drive Quantity	One Unit

ELECTRICAL	
Solar Tracking Method	Astronomical Algorithms+ Closed-loop (AI Controlled)
Control System	MCU
Signal Transmission	Wired: RS485 or Wireless: Zigbee
Drive Method	Slew Drive
Motor Type	24VDC Motor with 140-160W
Power Supply	AC Power / Self-Powered
Backtracking	Yes

PROTECTION	
Wind Protection Mode	Stow when wind speed ≥18m/s
Night-time Stow Mode	Yes
Overload Prevention	Yes
System Fault Self-diagnosis	Yes
Rotate to Horizontal Time	4-5 Minutes

