



SHR-HT2 STELLAR STAR -Multipoint Drive-2p

Double-sided power generation, more intelligent algorithm, tracking power generation increased by 15-30%

► **Features & Advantages**

- The number of pile foundation is less, the construction cost is lower, and the distribution of multi-point drive torque is more reasonable.
- Double-sided power generation, no shelter on the back, suitable for 210mm&182mm high power panels, higher power generation efficiency.
- Using Lora wireless for information transmission, transmission distance is longer, the signal is more stable.
- Passed TUV, SGS, CE, wind tunnel test.
- Self-learning and adaptive AI intelligent control.
- Professional team to provide technical support and after-sales service.

System Parameters	
Tracking System Model	
Tracker Mode	Double row single axis tracking system
PV Panel Installation	2X42,2X56 (Not more than 120 pieces)
Control Mode	Astronomical algorithm+closed-loop control (AI)
Mechanical Tracking Accuracy	±2°
Tracking Range	±45/±60° (customizable)
Drive Mode	Slew driver/Linear Actuator
Land Utilization Rate GCR	25%~50%
Structure Material	Hot Dip Galvanized Steel /Zn-Al-Mg Coating Steel
Type of Foundation	Ramming post, PHC pile, Concrete
Operating Wind Speed	18m/s (customizable)
System Wind Speed	Design according to the wind speed of the project
Operating Temperature	-30℃~70℃ (customizable)
Electric Parameters	
Control System	MCU
Power Supply Mode	Gridpower supply/panel self-power supply/in series power supply
Communication Mode	Wireless Lora transmission/Wired RS485
System Power Consumption	<0.1KWH (24 hours)
Strong Wind Protection	Qualified
Shadow Avoidance	Qualified
Heavy Snow Pattern	Optional
Heavy Rain Cleaning Pattern	Optional
IP Grade	IP65
Quality Guarantee	12 years (2 years for electrical anddriveparts)