



## SHR-HT1-Pro BINARY STAR-Double Rows Linkage

More economical design, more convenient operation and maintenance, tracking power generation increase by 15-25%

### ► Features & Advantages

- Double row design is more economical, more square make full use of land, more convenient operation and maintenance.
- Adapt to not more than 20% of slope of all kinds of ground, adapt to more terrain.
- 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	Single row Portrait, 2 rows linkage
PV Panel Installation	2X (1x56) (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°C~70°C (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 (2years for electrical and drive parts)