

Single-Axis Solar Tracker Specifications

Model	WXHY-15ST	WXHY-25ST	WXHY-35ST
Surface Area	15 m ²	25 m ²	35 m ²
Tracking Accuracy	1.0 degree	1.0 degree	1.0 degree
Recommended PV Module	72 125×125mm cells, size 1580×808mm, power 160-180W	72 125×125mm cells, size 1580×808mm, power 160-180W	72 125×125mm cells, size 1580×808mm, power 160-180W
Number of PV Modules	12	18	24
Motor Power	5W × 1	10W × 1	10W × 1
Motor Daily Power Consumption	≤ 0.01 kwh	≤ 0.02 kwh	≤ 0.02 kwh
Motor Power Supply	AC110V/220V/DC12V	AC110V/220V/DC12V	AC110V/220V/DC12V
Axis Rotation	Horizontal: -80° to 80°	Horizontal: -80° to 80°	Horizontal: -80° to 80°
Maximum Operating Wind	120 km/hr	120 km/hr	100 km/hr
Maximum Wind Load	170 km/hr	170 km/hr	170 km/hr
Weight (w/ supporting racks; w/o panels)	240kg	420kg	580kg
Tracking Mechanism	Automatic light control		
Lifetime	≥25 Years		
Warranty	Parts: 5 Years; Labor: 1 Year (Extended warranty can be provided at an additional cost)		
System Features	Automatic tracking & system calibration, manual control override, group control, wind/temperature sensor integration		