

Double-Axis Tracker Specifications

Model	WXHY-15DT	WXHY-20DT	WXHY-25DT
Surface Area	15 m ²	20 m ²	25 m ²
Tracking Accuracy	0.3 degree	0.3 degree	0.3 degree
Recommended PV Module	72 125×125mm cells, size 1580×808mm, power 160-180W	72 156×156mm cells, size 1956×992mm, power 210-280W	72 125×125mm cells, size 1580×808mm, power 160-180W
Recommended Number of Modules	9	9	16
Motor Power	5W × 2	5W × 2	5W × 2
Motor Daily Power Consumption	≤ 0.01 kwh	≤ 0.015 kwh	≤ 0.02 kwh
Motor Power Supply	AC220V/DC12V	AC220V/DC12V	AC220V/DC12V
Axis Rotation	Elevation: -10° to 75° Azimuth: -120° to 120°	Elevation: -10° to 75° Azimuth: -120° to 120°	Elevation: -10° to 75° Azimuth: -120° to 120°
Maximum Operating Wind	90 km/hr	90 km/hr	80 km/hr
Maximum Wind Load	170 km/hr	170 km/hr	170 km/hr
Net Weight (w/ supporting racks; w/o panels)	280kg	360kg	440kg
Tracking Mechanism	Automatic light sensing control or GPS-based timing control		
Lifetime	≥25 Years		
Warranty	Parts: 3 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 sensor integration		



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WXHY-35DT	WXHY-50DT	WXHY-65DT	WXHY-80DT
35 m ²	50 m ²	65 m ²	80 m ²
0.5 degree	0.5 degree	1.5 degree	0.5 degree
72 125×125mm cells, size 1580×808mm, power 160-180W	72 125×125mm cells, size 1580×808mm, power 160-180W	60 156×156mm cells, size 1560×991mm, power 220-240W	72 125×125mm cells, size 1580×808mm, power 160-180W
28 or 30	42	40	60
5.0KW	7.6KW	9.2KW	10.8KW
15W × 2	25W × 2	50W × 2	50W × 2
≤ 0.06 kwh	≤ 0.1 kwh	≤ 0.2 kwh	≤ 0.2 kwh
DC24V AC380V Three Phase	DC24V AC380V Three Phase	DC24V AC380V Three Phase	DC24V AC380V Three Phase
Elevation: -10° to 75° Azimuth: -120° to 120°	Elevation: -10° to 75° Azimuth: -120° to 120°	Elevation: -10° to 75° Azimuth: -120° to 120°	Elevation: -10° to 75° Azimuth: -120° to 120°
80 km/hr	80 km/hr	80 km/hr	70 km/hr
170 km/hr	170 km/hr	170 km/hr	170 km/hr
850kg	1200kg	1650kg	2100kg
6.22m	6.22m	6.80m	9.58m
0.8m × 0.8m × 2.0m	1.0m × 1.0m × 2.5m	1.5m × 1.5m × 2.5m	2.0m × 2.0m × 3.0m
Hot dipped galvanized steel structure			
Automatic light sensing control or GPS-based timing control			
≥25 Years			
Parts: 3 Years; Labor: 1 Year (Extended warranty can be provided at an additional cost)			
Automatic tracking & system calibration, manual control override, group control, wind sensor integration			