

Dual-axis tracker



- Dual-axis solar tracker can generate 35-40% more power
- Wind load: 120km/hr
- Easy installation, maintenance free

1.6KW dual-axis tracker

Max Area(m ²)	15	20	100
Model	WXHY-15DT	WXHY-20DT	WXHY-100DT
Tracking Axes	2 Axes	2 Axes	2 Axes
Angular Accuracy	<0.25°	<0.25°	<0.25°
Power Usage	<0.01kwh	<0.015kwh	<0.1kwh
Axis Rotation	Horizontal 90° Vertical 240°	Horizontal 90° Vertical 240°	Horizontal 90° Vertical 240°
Wind Load(km/hr)	120	115	94
Power Generation (15% module eff.)(W)	2250	3000	15000

Model	WXHY-10DT	WXHY-20DT	WXHY-50DT	WXHY-100DT
Parameter				
Area	10m ²	20m ²	50m ²	100m ²

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	72 156×156mm cells, size 1956×992, power 210-280W
Number of PV Modules	9	9	40	54
Weight(Excluding PV Modules)	180KG	400KG	1200KG	1800KG
Motor Power	5W	10W	100W	200W
Tracking Accuracy	±0.1°	±0.1°	±0.3°	±0.3°
Tracking Mechanism	Automatic light control			
Horizontal Angle	-10°~75°			
Vertical Angle	0°~320°			
Wind Loading Rating	120km/h			
Safety Wind Speed	80km/h			
System Features	automatic tracking & system calibration, manual control override, group control, wind/temp			