

The single axis tracker

High efficiency

Can produce up to 30% additional electricity, compared with systems that rely on either fixed mounts or single-axis tracking systems.

Flexible installation

The tracker incorporated high-efficiency multijunction cells. And it requires no grading or special site preparation, can be sited on industrial or agricultural land, even on sloped or irregular land. It also allows for multiple use of the same land.

Cost efficient

A lower overall cost of energy-generation for solar power.

Predictable, Reliable Solar Power

Most important, the concentrated photovoltaic systems perform as predicted over time, their life span could be as many as 25 years for the structure.



Parameters

Wind resist	up to 50m/s
Snow load	1.1kg/m ²
Operating temperature	-20℃---50℃
Tracking Range east to west angle	-60° ---60°
Power supply to the Motor	110 to 480 three phase, 50 – 60 HZ, depending on location (U. S, Europe etc)
The capacity	maximum 3.5 Kw/Set

Key component

Structure

made of hot-dipped galvanized steel and anodized aluminum

Light perception

to insure the system follow the course of the sun accurately

Linear actuator

for the elevation rotation

Motor

drive the linear actuator

Electrical control box

control the whole system