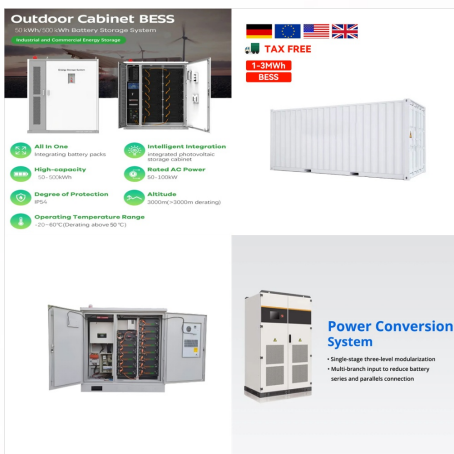




Low maintenance all-electric dual-axis tracking. 120 mph wind rating. 30-year structural warranty. UL 3703 Listing. Elevated & compatible. Minimum 14 ft ground clearance accommodates buses, RVs, fire trucks and farm equipment. Pole-mounting allows installation even on hilly and difficult sites. Maximum clean power without compromising land below.



Dual Axis Solar Tracker System. 91 reviews. \$1,399.99 \$1,599.99. save 13% Shipping calculated at checkout. SKU: US-L02M195TM-T-6. Obtain: 1399 points. ?Generate More Power: This solar tracker makes the mounted panels turn face to sunlight any daytime, which causes the PV power generation increase at least 40%.



The solar tracking system is an auto-tracking control system. It includes components like PV Cells, PLC, signal processing units, sensors, electromagnetic & mechanical motion control modules, and power supply systems.

# SOLAR PANEL AUTO TRACKING SYSTEM



A solar tracking system (also called a sun tracker or sun tracking system) maximizes your solar system's electricity production by moving your panels to follow the sun throughout the day, optimizing the angle at which your panels receive solar radiation.

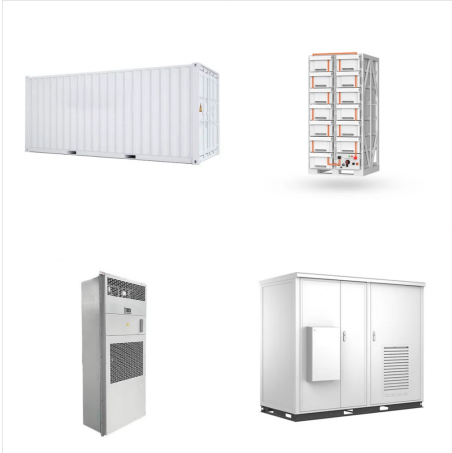


A solar panel precisely perpendicular to the sun produces more power than one not aligned. The main application of solar tracking system is to position solar photovoltaic (PV) panels towards the Sun. Most commonly they are used with mirrors to redirect sunlight on the panels.

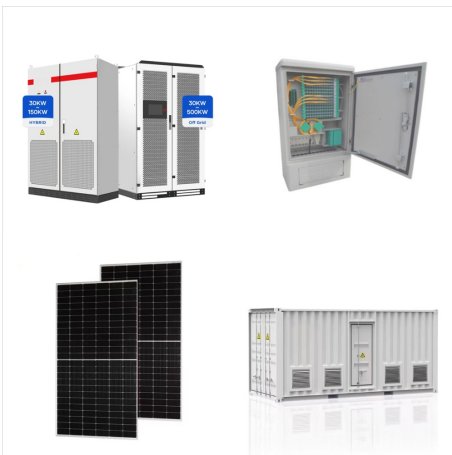


We designed and built a system to automatically orient a solar panel for maximum efficiency, record data, and safely charge batteries. Using a GPS module and magnetometer, the HelioWatcher allows the user to place the system anywhere in the world without any calibration.

# SOLAR PANEL AUTO TRACKING SYSTEM



An active solar tracker uses a motor to automatically orient the panels for maximum exposure to the sun, and dual-axis systems can tilt to nearly any angle to face the sun. Many active trackers



Maximum solar energy capture with up to 120° tracker range of motion. Watch Video. Fast and Easy Installation. Leverage simple but robust hardware that features self-aligning module rails, vibration-proof fasteners, and PowerworX training provided by Nextracker. Download Datasheet. Implementing Global Decarbonization Standards.



Solar tracking systems allow solar panels to follow the sun's path in the sky to produce more solar electricity. While solar trackers will increase the solar panel system's energy production, they are very expensive and can potentially double the cost of installing solar panels.