
P4q solar tracking system

Who is p4q?

P4Q's first Branded Product and First Tracker Controller of its kind. Suntrack™; by P4Q is the world's technology leader and industry innovator for PV Solar Tracker Controllers.

Why should you choose p4q's suntrack solar controller?

P4Q's Suntrack leads in solar controllers with maximum energy efficiency, lower LCOE, and specialized support services.

How does p4q's suntrack work?

P4Q's Suntrack primarily uses the Digi XBee 3 module within its integrated Tracker Control Unit, carrying data at 2.4 GHz speeds. All of the functionality is housed in a rugged enclosure that contains the power unit, motor driver, and a micro-controller device.

What is a solar tracker controller?

ONE MILLION TCU COMPANY (50 GW) Suntrack™; TCU (Tracker Control Unit) is the most reliable single-axis solar tracker controller. This device moves the tracker motor to follow the path of the Sun and thus optimize solar energy production. Its use is recommended for all common types of PV modules.

P4Q Electronics has emerged as the world's leading provider of solar-tracking control systems, thanks to its innovative Suntrack solution. Using sophisticated algorithms that can pinpoint the sun's location by date and ...

The primitive tracking systems have been gradually replaced by more intelligent and sophisticated technologies, always targeting the same goal: decreasing the LCOE of PV plants.

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2. The Suntrack Self-Powered Plus tracker control unit is an advanced technology that eliminates the need for a pony-panel in a solar power system. Source: P4Q

The collaboration between Kinematics and P4Q represents an ambitious leap forward--not just in terms of business growth but also as a response to increasing urgency ...

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Solar ...

4 products found Suntrack by P4Q Products Tracker Controllers - Ecosystem Suntrack provides an open and adaptive system designed to achieve a +99% tracking uptime and obtain a low ...

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