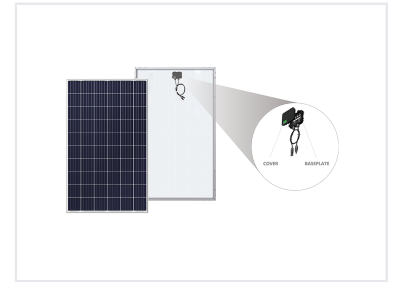


Smart Monocrystalline Solar Panel with Integrated Monitoring

This innovative module integrates a smart platform with five levels of functionalities. Based on a universal platform, the right functionality can be selected for each solar project to optimize budget and performance.

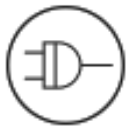


Product Overview

Smart Solar Integration

This innovative monocrystalline solar panel features a universal smart junction box platform, offering five levels of selectable functionality. Designed to optimize project ROI and performance, the system includes enhanced heat dissipation and robust communication capabilities. It is fully compatible with any standard inverter and supports seamless integration across residential, commercial, and utility-scale installations.

Technical Features



Diodes



Monitoring



Safety



Optimization



Long strings

A detailed view of the modular smart junction box system features.

Junction Box Advantages

- Modular design with five function levels
- Improved heat dissipation
- Removable covers for easy field replacement
- Advanced diode integration for higher reliability

System Compatibility

Smart System Capabilities

Inverter Compatible, Wireless Communication, Cloud-Connected, Remote Monitoring

Applications

Suitable Applications

Residential • Commercial • Utility