



# Photovoltaic panel serial number query software





## Overview

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Validate serial numbers against OEM master lists, verify supply chains for safe harboring and tax incentive eligibility, and streamline warranty claims. Available in offline mode for areas with spotty cell service. With drones and AI-powered image recognition. MapperX is an advanced solution designed to streamline these processes by leveraging drones, thermal imaging, and artificial intelligence. Use PV-SCAN for monitoring performance trend of your PV plant park. As already mentioned, the serial number of a solar panel (photovoltaic).



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### Raptor Maps

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### [PV Modules Serial Number Verification Tool , JinkoSolar EU](#)

Our Serial Number (SN) Verification Tool enables JinkoSolar customers and partners to confirm the authenticity of their JinkoSolar modules. This ensures they have received a genuine product, ...



### [Solar PV Module Serial Number Scanning Specifications](#)

Raptor Maps has developed a PV module serial number scanning process that directly scans a barcode into a digital twin and validates it against the OEM's master list.

### PV SCAN

With PV-SCAN you can see the exact position of a panel Serial Number. It is possible to monitor module changes to keep update the list of the modules serial numbers.



## New Solar Insights Feature: Serial Number Scanning Supports Solar Panel

Our latest Solar Insights feature streamlines the claims process by giving field technicians the ability to scan and capture serial numbers from PV modules affected by anomalies, and by giving ...

### [SMART SERIAL CODE SCANNER FOR SOLAR PANELS](#)

Designed for field operators, it enables fast and precise scanning of solar panel serial codes, automatically georeferenced with centimeter-level accuracy.



### [The best practices of scanning serial numbers](#)

An essential piece of information you want to have in your digital twin is the panel's serial number which is unique to each panel. This blog will explain the different ways of getting this ...

## Solar Inspection Software MapperX:



## AI-Powered Drone Platform 2025

It can scan and record solar panel serial numbers via OCR (optical character recognition), effectively creating a digital inventory of your PV modules. This feature is invaluable for warranty claims or ...



## [Solar Inventory Management , Solar Panel Barcode Scanner](#)

Inventory management software with a barcode integration makes it easy to check solar serial numbers for the panels and other associated equipment. A crew member can scan a barcode with their phone ...

## FairFleet

Precise serial number scanning of PV modules is essential for complete traceability, warranty validation, and long-term quality assurance. FairFleet enables fast and accurate identification of each module - ...





## Contact Us

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