

Photovoltaic Power Station Rating System

This system establishes a professional and accurate rating frame for photovoltaic power stations. It uses a combination of online models, online data, and offline technology to assess risk factors and provide cash flow analysis.



System Overview

Comprehensive Photovoltaic Power Station Rating System

This advanced power station detection and rating system utilizes factor analysis to monitor development status, diagnose technical levels, and track risk factors. By integrating multi-dimensional assessment methods—including online models, data analysis, and offline technical verification—it provides a professional and accurate framework for evaluating solar energy infrastructure. The system ensures thorough risk management through cash flow analysis and rigorous stress testing.

Assessment Models

Core Assessment Frameworks

- Spider diagram scoring for risk factor quantization
- Overall rating based on weighted assessment models
- IRR value assessment for asset value analysis

Risk Assessment Tools

Online Model, Online Data, Offline Technology, Cash Flow Analysis, Stress Testing, Monte Carlo Simulation

Technical Advantages

Detection Capabilities

| Feature | Benefit |
|-------------|---|
| Coverage | Superior to third-party organizations |
| Calibration | Validated technical error calibration system |
| Experience | Field experts with extensive site detection history |

Key Proprietary Databases

- Solar irradiation geographic grid database
- Atmospheric haze geographic grid database
- Grid-connection consumption geographic grid database
- Photovoltaic power station development risk database
- Operation and maintenance optimization database