

iSolarInsight Monitoring System

iSolarInsight monitoring system can be applied to integrated PV & BESS plants to monitor the real-time operation status of devices in the plant. In addition to displaying real-time plant information, this system can also assist O&M personnel to efficiently operate and maintain the plant through the integrated intelligent algorithm



INTELLIGENT AND FLEXIBLE

- Fine-grained management, the topology of a single block can be viewed on one screen. Fine-grained monitoring of the block, equipment, string and cell health status
- Flexible configuration of page indicator display format
- Real-time alarm display, accurate fault positioning, efficient troubleshooting with the knowledge base. Support custom settings for alarm content
- Quick access, pre-installed software, automated access to power plant data



SAFE AND RELIABLE

- Master/Standby redundancy configuration and AB dual network enable a safe and reliable operation of the system
- Strict control procedure, complying with state grid codes



SIMPLE AND EFFICIENT

- IV curve online diagnosis enables accurate faulty string positioning by one click
- Intelligent diagnosis of discrete rate, fast statistics of string discrete distribution, identification of inefficient strings
- Battery warning. Provide a health warning 7 days in advance
- One-touch plant construction, convenient commissioning, fast and efficient mobile operation, and maintenance



EXCELLENT USER EXPERIENCE

- Two kinds of theme flexible switching, simple and beautiful page
- The operation procedure complies with the operation and maintenance habits, and the operation is convenient



Type designation	iSolarInsight
Specifications	
Access capacity	GW level power plant access
Data storage time	1-minute data can be stored for 1 months and 5-minute data can be stored for 2 years
Operating environment requirements	
Browser version (Minimum version)	Chrome 91
Browser resolution	1920×1080
Language	
Language	Chinese, English, Spanish, German, Polish, French, Russian
Communication	
Communication protocols	IEC 104, Modbus-TCP, MQTT
Application scenarios	
Plant type	Distributed plant, Utility-scale PV plant, Utility-scale BESS plant

