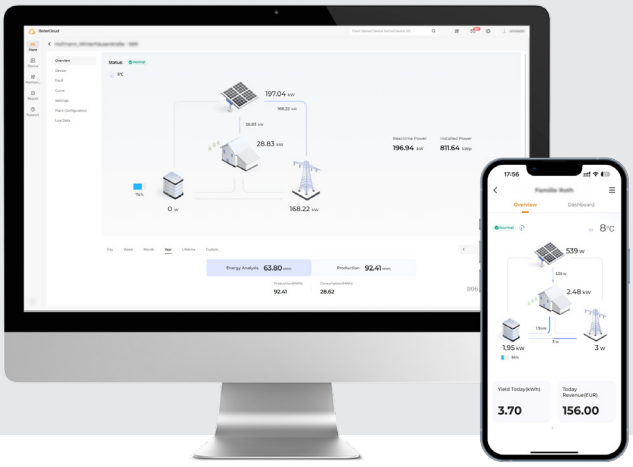
SUNGROW
Clean power for all

iSolarCloud

Monitoring System



INTELLIGENT AND FLEXIBLE

- Integrated management of multiple energy sources
- Regional operation and maintenance, classified management
- Real-time analysis of cloud-based big data to avoid missing any valuable data

EFFECTIVE

- Accurate alarm positioning, efficient troubleshooting with the knowledge base
- Intelligent data analysis, real-time notification of results, reducing troubleshooting time
- Module-level monitoring, fine-grained digitization, solving mismatches in series/ parallel connection
- Smart IV curve diagnosis enables fast positioning of single and compound faults
- One-touch plant construction, convenient commissioning, fast and efficient mobile operation, and maintenance

SAFE AND RELIABLE

- Industry-leading cloud computing platform, financial grade security of the system
- Full life cycle management, disaster tolerance, data backup, ensuring data security
- Permission control, operations can be traced

Type designation	iSolarCloud
Intelligent devices	
Device type	Inverter, EV Charger, PVS, meteo station, electricity meter, transformer, circuit breakers and other devices in the plant
Maximum access capacity	> 100 GW
Acquisition environment	
Devices	Insight monitoring system, Logger, Eye, WiFi, COM100, and other acquisition devices
Interval	5 minutes
Methods	2G, 3G, 4G, WLAN, wired broadband
Client environment	
Lowest browser version	IE 11, Chrome 65, Safari 11, Firefox 60
Lowest system version	Android 5.0, iOS 13.0
Languages	Chinese, English, German, French, Spanish, Portuguese (Brazil), Italian, Dutch, Polish, Japanese, Korean, Vietnamese, Traditional Chinese
Browser resolution	1366 * 768, 1920 * 1080 (recommended)
Mobile device resolution	1920 * 1080, 2001 * 1125, 1280 * 720
System parameters	
Reliability	99.99 %
Storage specifications	> 100 PB

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