- Monitoring of up to 90 devices
- Support of RS485, Ethernet, WiFi and GPRS communication
- Support of energy meter, meteo station, sensors and other equipment access
- Active and reactive power control
- 100% data availability through 24/7 operations
- Inverter batch parameter setting and firmware updates
- Plant maintenance by remote Web access, optimized OPEX

ST-Logger

sunways

DATA LOGGER

Technical Parameters

General Data

Max. number of Inverters	90 (30/RS485 Port)
Preference Setting	Remote Web / APP
Firmware Upgrade	Wireless upgrade
Working Voltage (V)	DC 12
Power Consumption (W)	< 10

Environmental Data

Operating Temperature (℃)	-10~+60
Operating Humidity	0%–90% relative humidity, no condensation
Operating Altitude (m)	≤ 4000
Storage Temperature (℃)	-40~+85
Storage Humidity	< 40%
Protection Degree	IP20

Interface Specification

RS485 Interface	4 ports (3 ports for inverters connection, 1 port for other devices connection), Baud 9600bps (Adjustable from 1200-57600 bps)
Ethernet Interface	1 port, 10/100Mbps Self-adaptive
Wireless Interface	WiFi/GPRS Alternative
Output Dry Contact	Two independent dry contacts, 230V/1A
Other Interface	CAN/USB/SD/SIM

Wireless Data

WiFi Transmitting Power	802.11b: +16 +/-2dBm (@11Mbps)、802.11g: +14 +/-2dBm (@54Mbps)、802.11n: +13 +/-2dBm (@HT20, MCS7)
WiFi Receiving Sensitivity	802.11b: -87 dBm (@11Mbps , CCK)、802.11g: -73 dBm (@54Mbps, OFDM)、802.11n: -71 dBm (@HT20, MCS7)
WiFi Operating Frequency (GHz)	2.412-2.484
Communication Distance (m)	100 (without obstacles)

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