

S1-W4G-ST

Solis Data Loggers

Use RS485 communication method to connect the inverters, up to 10 inverters can be connected at the same time. Data communication with the monitoring system through wireless WiFi network or 4G, which can realize remote control and monitoring. The network transmits intuitive data, which is convenient for customers to monitor anytime and anywhere.

Features:

- Support WiFi and 4G communication
- Fault alarm, real-time monitoring
- Plug and play, quick installation
- Status indicator, easy to display working status
- Support Bluetooth nearby connection and debugging
- RESET button, one key to send data, convenient debugging

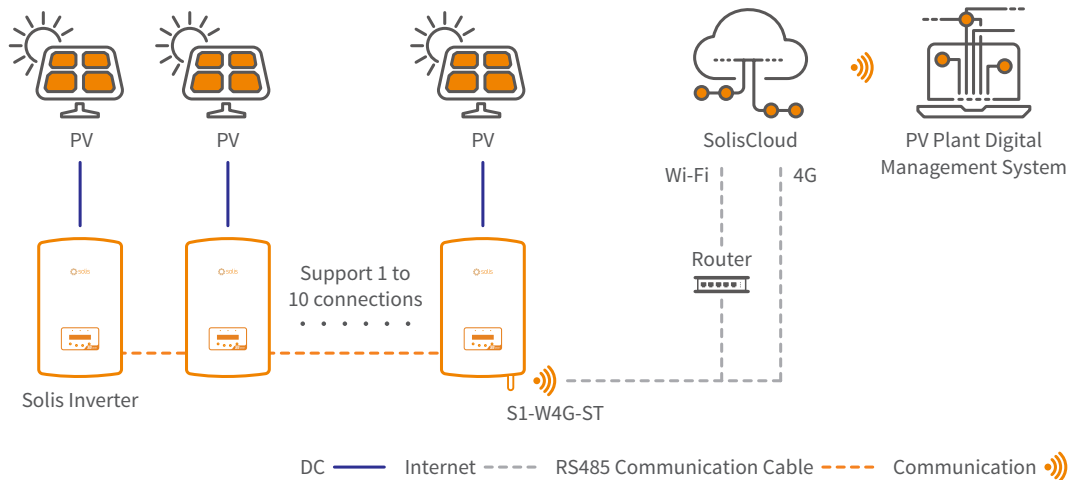


S1-W4G-ST (4 Pin)



S1-W4G-ST (USB)

Intelligent Monitoring Solution - S1-W4G-ST



DATASHEET

| Models | S1-W4G-ST (4 Pin) | S1-W4G-ST (USB) |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Communication | | |
| Supported device type | Solis inverter | |
| Number of connected inverters ^① | ≤ 10 | |
| Data collection intervals | 5 minutes | |
| Status indicator | 3 LED Indicator Lights | |
| Communication interface | External 4-Pin Port | External USB Port |
| Wireless communication | Wi-Fi: 802.11b/g/n, 2.412-2.484GHz ^② Cellular network: 4G/3G/2G, LTE-FDD: B1/B3/B5/B7/B8/B20, LTE-TDD: B38/B40/B41, WCDMA: B1/B5/B8, GSM/EDGE: B3/B8 | |
| Max. output power | Wi-Fi: 802.11b: 20dBm / 802.11g: 18dBm / 802.11n: 15dBm; Cellular network: LTE&WCDMA bands: 23dBm, GSM850/EGSM900: 33dBm, DCS1800/PCS1900: 30dBm, DCS1800/PCS1900(8-PSK): 26dBm, GSM850/EGSM900(8-PSK): 27dBm | |
| Near end communication | BLE4.2 | |
| Configuration method | APP / WEB | |
| Electrical | | |
| Operating voltage | DC 5 V (+ / -5%) | |
| Typical power consumption | 3 W | |
| Environment | | |
| Operating temperature | -30 ~ +65°C | |
| Operating humidity | 5% - 95%, Relative humidity, non-condensing | |
| Storage temperature | -40 ~ +70°C | |
| Storage humidity | < 40% | |
| Max. operating altitude | 4000 m | |
| Ingress protection | IP65 | |
| Mechanical | | |
| Dimensions (L × W × H) | 128 × 50 × 34 mm | 113 × 50 × 34 mm |
| Installation method | Externally Insert + Twist Lock | Externally Insert + Tab Lock |
| Weight | 80 g | 65 g |
| Others | | |
| Certification | CE, FCC | |

① Inverters must first be hand-in-hand connected by RS485. ② 5 GHz Wi-Fi networks are not supported.