

## S2-WL-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 LAN, 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 LAN communication
- Status indicator, easy to display working status
- RESET button, one key to send data, convenient debugging
- Plug and play, quick installation
- Fault alarm, real-time monitoring
- Support Bluetooth nearby connection and debugging

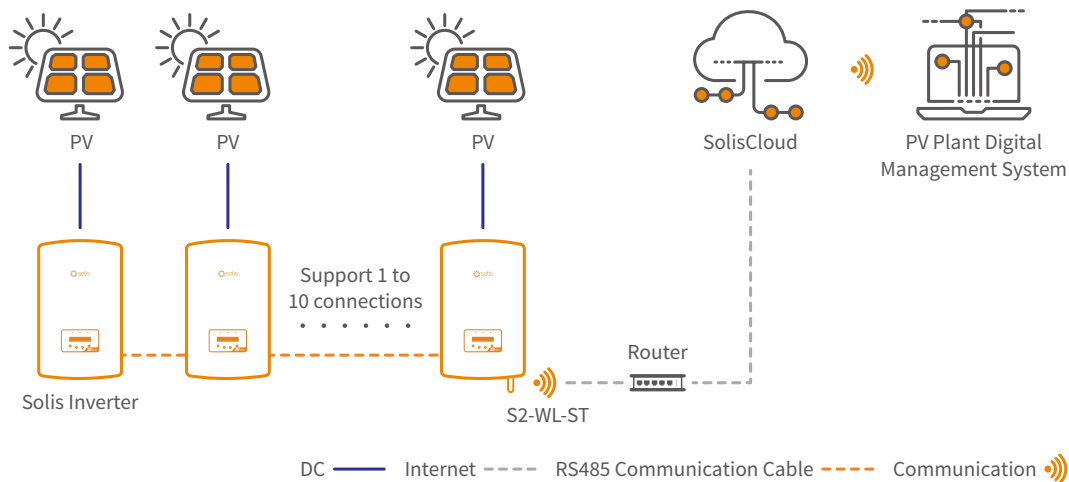


S2-WL-ST (4 Pin)



S2-WL-ST (USB)

#### Intelligent Monitoring Solution - S2-WL-ST



# DATASHEET

# S2-WL-ST

| Models                                       | S2-WL-ST (4 Pin)   | S2-WL-ST (USB)               |
|--|--|------------------------------|
| Communication                                |  |                              |
| Supported device type                        | Solis inverter   |                              |
| Number of connected inverters <sup>(1)</sup> | ≤ 10   |                              |
| Data collection intervals                    | 5 minutes  |                              |
| Status indicator                             | 3 LED Indicator Lights   |                              |
| Communication interface                      | External 4-Pin Port  | External USB Port            |
| Ethernet communication                       | Number of routes × 1, 10 / 100 Mbps adaptive, communication distance ≤ 100 m |                              |
| Wireless communication                       | 802.11b/g/n (2.4G) <sup>(2)</sup>  |                              |
| Near end communication                       | BLE4.2   |                              |
| Configuration method                         | APP / WEB  |                              |
| Electrical                                   |  |                              |
| Operating voltage                            | DC 5 V (+ / -5%)   |                              |
| Operating power consumption                  | ≤ 2 W  |                              |
| Environment                                  |  |                              |
| Operating ambient temperature range          | -30 ~ +65°C  |                              |
| Operating humidity                           | 5% - 95%, relative humidity, Non-condensing                                  |                              |
| Storage temperature                          | -40 ~ +70°C  |                              |
| Storage humidity                             | < 40%  |                              |
| Max. operation altitude                      | 4000 m   |                              |
| Protection degree                            | IP65   |                              |
| Mechanical                                   |  |                              |
| Dimensions (L × W × H)                       | 145 × 50 × 41 mm   | 130 × 50 × 41 mm             |
| Installation method                          | Externally Insert + Twist Lock   | Externally Insert + Tab Lock |
| Weight                                       | 100 g  | 90 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.