

## 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
- Status indicator, easy to display working status
- RESET button, one key to send data, convenient debugging
- Fault alarm, real-time monitoring
- Support Bluetooth nearby connection and debugging
- One-key assignment of inverter address, efficient and labor-saving

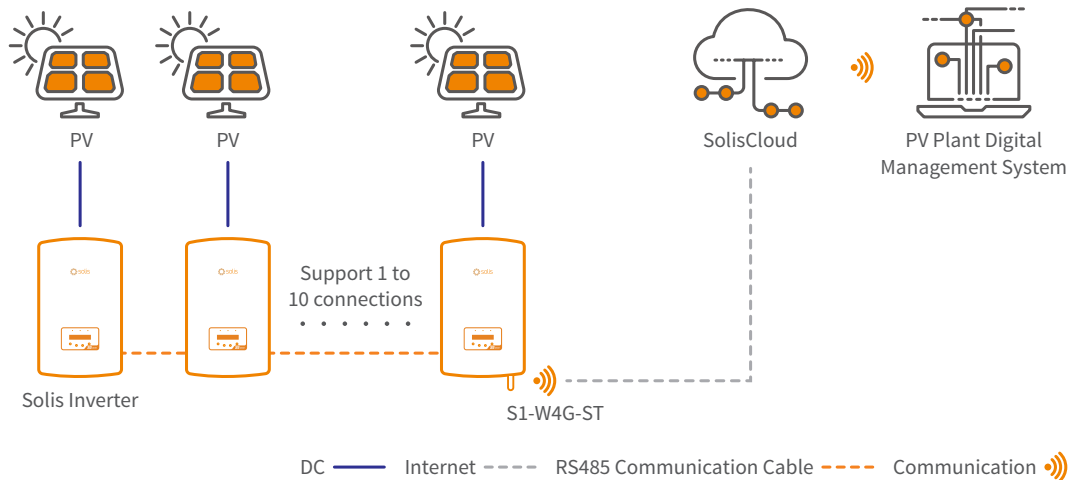


S1-W4G-ST (4 Pin)



S1-W4G-ST (USB)

#### Intelligent Monitoring Solution - S1-W4G-ST



# DATASHEET

# S1-W4G-ST

| Models                                       | S1-W4G-ST (4 Pin)  | S1-W4G-ST (USB) |
|--|--|-----------------|
| <b>Communication</b>                         |  |                 |
| Supported device type                        | Solis inverter   |                 |
| Number of connected inverters <sup>(1)</sup> | ≤10  |                 |
| Data collection intervals                    | 5 minutes  |                 |
| Status indicator                             | LED × 3  |                 |
| Communication interface                      | 4 Pin  | USB             |
| Wireless communication                       | 802.11b/g/n (2.4G—2.483G)<br>GSM/GPRS: 850/900/1800/1900 MHz |                 |
| Configuration method                         | APP/WEB  |                 |
| <b>Electrical</b>                            |  |                 |
| Operating voltage                            | DC 5 V (+/-5%)   |                 |
| Operating power consumption                  | ≤5 W   |                 |
| <b>Environment</b>                           |  |                 |
| 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   |                 |
| <b>Mechanical</b>                            |  |                 |
| Dimensions (L*W*H)                           | 128*50*34 mm   | 115*50*34 mm    |
| Installation method                          | Insert+Screw   | Insert+Lock     |
| Weight                                       | 79 g   | 65 g            |
| <b>Others</b>                                |  |                 |
| Certification                                | CE, FCC  |                 |

(1) Connect the inverters by RS485 cables.