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
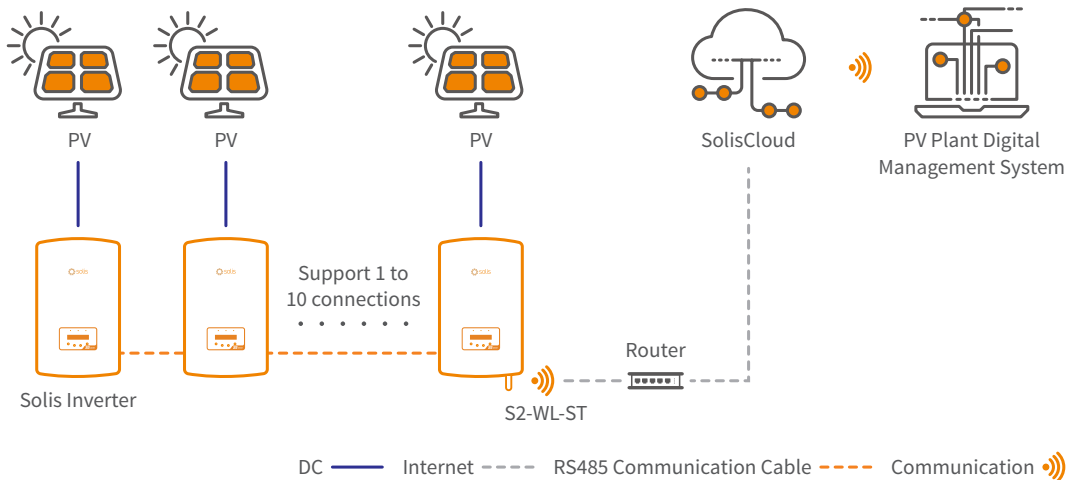- One-key assignment of inverter address, efficient and labor-saving

S2-WL-ST (4 Pin)   S2-WL-ST (USB)

Intelligent Monitoring Solution - S2-WL-ST

PV   PV   PV   SolisCloud   PV Plant Digital Management System

Support 1 to 10 connections

Solis Inverter

Router

S2-WL-ST

DC —— Internet ---- RS485 Communication Cable ---- Communication))

DATASHEET   S2-WL-ST

Models	S2-WL-ST (4 Pin)	S2-WL-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
Ethernet communication	Number of routes × 1, 10 / 100 Mbps adaptive, communication distance ≤ 100 m	
Wireless communication	802.11b/g/n (2.4G) [2]	
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℃	
Operating humidity	5% - 95%, relative humidity, non-condensing	
Storage temperature	-40 ~ +70℃	
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.