S5-WiFi-ST

Solis Data Loggers

Up to 10 inverters can be connected to 1 data logger. The logger connects with the local Wi-Fi network and transmits data wirelessly to SolisCloud. SolisCloud, the Solis monitoring platform, allows for remote system monitoring and control. The data is clear and detailed, making it easy to monitor and troubleshoot from anywhere anytime.

Features:

- Send alarm notifications through text and email
- Intuitive LED indicator lights display the operating status
- Simple plug-and play installation makes commissioning quick and easy
- One button for instant data transmission and device configuration
- Support dual-band router with 5GHz and 2.4GHz
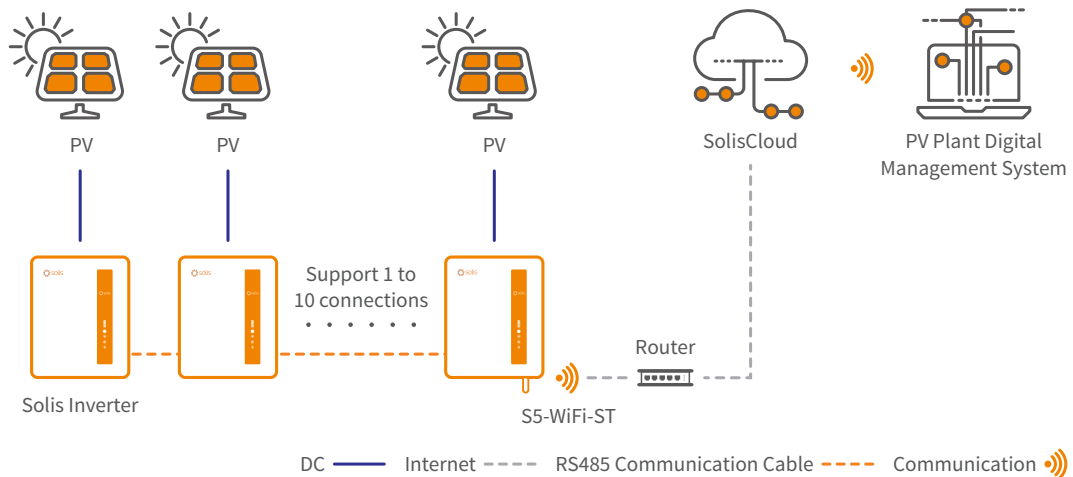- Support Bluetooth nearby connection and debugging

S5-WiFi-ST-4Pin   S5-WiFi-ST-USB

Intelligent Monitoring Solution - S5-WiFi-ST

PV   PV   PV   SolisCloud   PV Plant Digital
                                                                 Management System

Support 1 to
10 connections

Router

Solis Inverter

S5-WiFi-ST

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

DATASHEET

S5-WiFi-ST

Models	S5-WiFi-ST-4Pin	S5-WiFi-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	802.11b/g/n (2.4G) 802.11a/n (5G)	
Near end communication	BLE5.0	
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)	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.