S4-WiFi-ST

Solis Wi-Fi Data Logger

Description:

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.
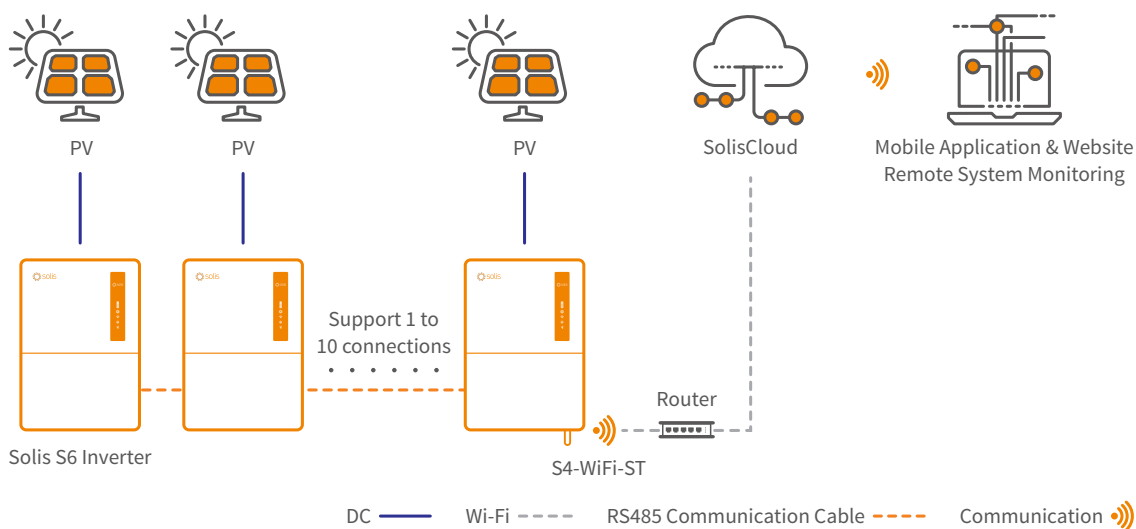
Features:

- Sends alarm notifications through text and email
- Intuitive LED indicator lights displays the operating status
- Simple plug-and play installation makes commissioning quick and easy
- One button for instant data transmission and device configuration

S4-WiFi-ST

Intelligent Monitoring Solution - S4-WiFi-ST

PV

PV

PV

SolisCloud

Mobile Application & Website
Remote System Monitoring

Support 1 to
10 connections

Router

Solis S6 Inverter

S4-WiFi-ST

DC —— Wi-Fi ---- RS485 Communication Cable ---- Communication ·))

DATASHEET

Models	S4-WiFi-ST
Communication	
Supported device type	Solis S6 inverter
Number of connected inverters [1]	≤ 10
Data collection intervals	5 minutes
Status indicator	3 LED Indicator Lights
Inverter connection interface	External USB Port
Wireless communication	802.11b/g/n, 2.412-2.484GHz [2]
Max. output power	802.11b: 18dBm; 802.11g: 16.5dBm; 802.11n: 15.5dBm
Configuration method	Mobile Application and Website
Electrical	
Operating voltage	DC 5 V (+ / -5%)
Typical power consumption	2 W
Environment	
Operating temperature	-22°F to 149°F (-30 to 65°C)
Operating humidity	5% - 95%, Relative humidity, non-condensing
Storage temperature	-40°F to 158°F (-40 to 70°C)
Storage humidity	< 40%
Max. operating altitude	13,123 ft (4,000 m)
Ingress protection	NEMA 4X
Mechanical	
Dimensions (L × W × H)	4.4 × 2 × 1.3 in (113 × 50 × 34 mm)
Installation method	Externally Insert + Tab Lock
Weight	0.14 lb (65 g)
Others	
Certification	CE, FCC

[1] Inverters must first be daisy-chained with RS485.　[2] 5 GHz Wi-Fi networks are not supported.