S3-WIFI-ST

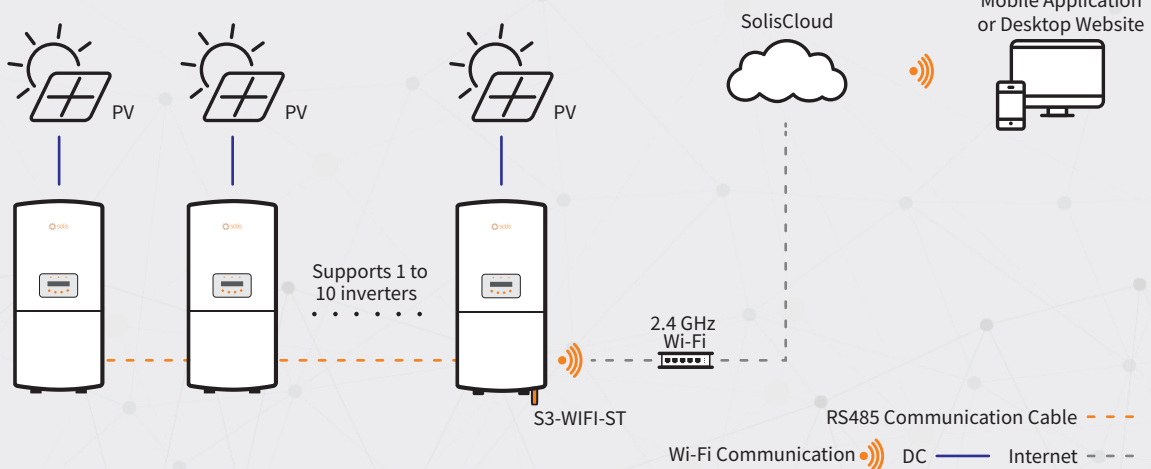Accessories - Solis Wi-Fi Data Logger

>> **Model:** S3-WIFI-ST

Description:

A data monitoring device that plugs externally into the bottom of the inverter. The logger relays information from the inverter to the Solis monitoring platform, SolisCloud. Up to ten inverters can be daisy-chained with RS485 to a single logger. This logger connects to 2.4GHz Wi-Fi networks only. Detailed information can be gathered remotely from SolisCloud including voltages, currents, alarms, etc. Inverter firmware can be updated and settings can be changed remotely through SolisCloud.

Features:

- Works with all Solis inverters models except for the S6 hybrid*
- Provides detailed information for remote troubleshooting
- Shows system fault alarms and accurate system data
- Supports up to ten inverters per logger
- Allows for remote firmware updates
- Quick, easy, and safe to install
- LED status indicator lights
- 2- year warranty included
- NEMA 4X outdoor rated

Intelligent Monitoring Solution - S3-WIFI-ST

PV   PV   PV

SolisCloud

Mobile Application or Desktop Website

Supports 1 to 10 inverters

2.4 GHz Wi-Fi

S3-WIFI-ST

RS485 Communication Cable – – –
Wi-Fi Communication •))
DC ——
Internet – – –

*For the S6 hybrid inverter models, please install the S4-WIFI-ST Wi-Fi logger or one of the other Solis loggers.

DATASHEET

Models

S3-WIFI-ST

S3-WIFI-ST

Communication

Supported device type	All Solis inverter models[3]
Number of connected inverters [1]	≤ 10
Data collection intervals	5 minutes
Status indicator	× 3 LED lights
Communication interface	4-Pin
Wireless communication[2]	2.4 GHz networks (802.11b/g/n)
Configuration method	Phone Application/Website

Electrical

Operating voltage	5 VDC (+/-5%)
Operating power consumption	≤ 5 Watts

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%
Operating altitude	≤ 13,123 ft (4,000 m)
Protection rating	NEMA 4X

Mechanical

Dimensions (L x W x H)	5 x 2 x 1.3 in (128 x 50 x 34 mm)
Installation method	Externally plugged in
Weight	0.18 lb (80 g)

Others

Certification	CE, FCC
Warranty	2-year standard

[1]Inverters must first be daisy-chained with RS485   [2]This logger does not support 5 GHz Wi-Fi networks
[3]For S6-EH1P(3.8-11.4)K-H-US models, install the S4-WIFI-ST logger