solis
GINLONG TECHNOLOGIES **CO.,LTD.**
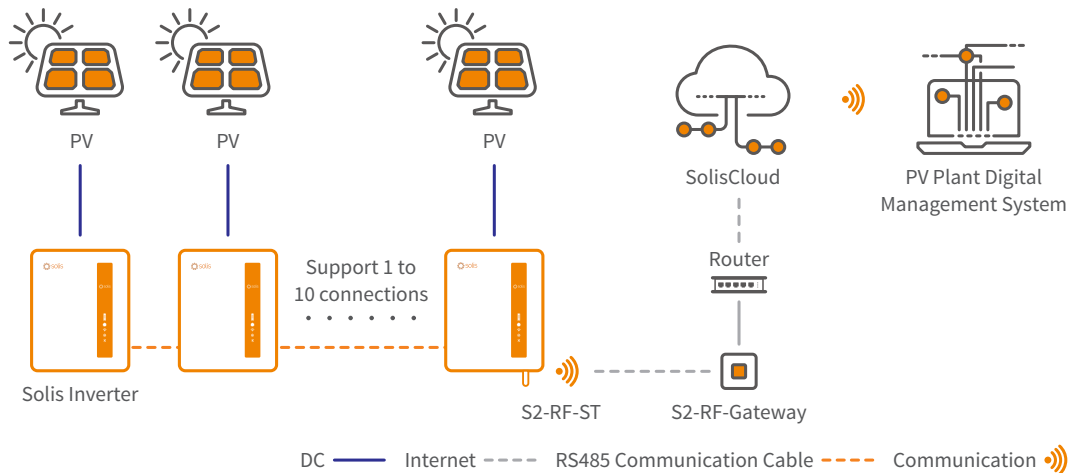
S2-RF-LINK

Solis Data Loggers

Up to 10 inverters can be connected to S2-RF-LINK. Insert the data logger directly into the inverter port , the gateway uses wired ethernet to connect to the home router, and transmits data 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:

- Fault alarm, real-time monitoring
- RESET button, one key to send data, convenient debugging
- Support Bluetooth nearby connection and debugging

- Status indicator, easy to display working status
- One-key assignment of inverter address, efficient and labor-saving
- RF communication is more stable and has a wider range

| S2-RF-ST-4Pin | S2-RF-Gateway | S2-RF-ST-USB | S2-RF-Gateway |

Intelligent Monitoring Solution - S2-RF-LINK

PV   PV   PV   SolisCloud   PV Plant Digital Management System

Support 1 to 10 connections

Router

Solis Inverter

S2-RF-ST   S2-RF-Gateway

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

DATASHEET

S2-RF-LINK

Models	S2-RF-ST		S2-RF-Gateway
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	RS485		Adaptive 10 / 100 Mbps
Wireless communication	915 MHz / 868 MHz		/
Near end communication	BLE4.2		
Configuration method	APP/WEB		
Effective communication distance	200 (in free-field conditions)		
Electrical			
Operating voltage	DC 5 V (+ / -5%)		
Operating power consumption	≤ 5 W		
Environment			
Operating ambient temperature range	-25 ~ +65℃		
Operating humidity	5% - 95%, relative humidity, Non-condensing		
Storage temperature	-45 ~ +90℃		
Storage humidity	< 40%		
Max. operation altitude	4000 m		
Protection degree	IP65		IP21
Mechanical			
Dimensions (L × W × H)	128 × 50 × 34 mm (4Pin)	115 × 50 × 34 mm (USB)	90 × 90 × 23 mm
Installation method	Externally Insert + Twist Lock (4Pin)	Externally Insert + Tab Lock (USB)	/
Weight	70 g (4Pin)	55 g (USB)	85 g
Others			
Certification	CE, RoHs, Reach		

(1) Inverters must first be hand-in-hand connected by RS485.