Stick Logger Quick Guide

Model: LSW-3/LSW-3-C

Notice:

Please read this manual carefully before using products and keep it in the place where 0&M providers can easily find.

Due to product upgrade and other factors, the content of this manual might change from time to time. Please take actual product as standard and get latest manual from www.solarman.cn or sales. Unless otherwise agreed herein, this manual will only be used as guidance. Any statement, information or suggestion in this manual will not take any form of responsibility.

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Download APP



iPhone:Search "SOLARMAN Smart" in Apple Store.

Android:Search "SOLARMAN Smart" in Google Play.

1. Stick Logger Installation

Type 1

Step1: Assemble logger to the inverter communication interface as shown in the diagram.



Type 2

Step1: Assemble logger to the inverter communication interface as shown in the diagram.



2. Logger Status

2.1 Check Indicator light

Lights	Implication	Status Description(All lights are single green lights.)
• NET	Communication with router	1.Light off: Connection to the router failed. 2.On 1s/Off 1s(Slow flash): Connection to the router succeeded. 3.Light keeps on: Connection to the server succeeded. 4.On 100ms/Off 100ms(Fast flash): Distributing network fast.
COM	Communication with inverter	1.Light keeps on: Logger connected to the inverter. 2.Light off: Connection to the inverter failed. 3.On 1s/Off 1s(Slow flash): Communicating with inverter.
READY	Logger running status	1.Light off: Running abnormally. 2.On 1s/Off 1s (Slow flash): Running normally. 3.On 100ms/Off 100ms(Fast flash): Restore factory settings.

The normal operation status of the stick logger, when router connected to the network normally:

- 1.Connection to the server succeeded: NET light keeps on after the
- logger powered on.
- 2.Logger running normally: READY light flashes. 3.Connection to the inverter succeeded: COM light keeps on.

3. Abnormal State Processing

If the data on platform is abnormal when the stick logger is running, please check the table below and according to the status of indicator lights to complete a simple troubleshooting. If it still can not be resolved or indicator lights status do not show in the table below, please contact Customer Support.

(Note: Please using the following table query after power-on for 2mins at least.) $\label{eq:constraint}$

NET	COM COM	READY READY	Fault Description	Fault Cause	Solution
Any state	OFF	Slow flash	Communication with inverter abnormal	1.Connection betw- een stick logger and inverter loosen. 2.Inverter does not match with stick log- ger's communication rate.	1.Check the connection between stick logger and inverter. Remove the stick logger and install again. 2.Check inverter's communication rate to see if it matches with stick logger's. 3.Long press Reset button for 5s, reboot stick logger.
OFF	ON	Slow flash	Connection between logger and router abnormal	1.Stick logger does not have a network. 2.Antenna abnormal 3.Router WiFi signal strength weak.	1.Check if the wireless network configured. 2.Check the antenna, if there is any damage or loose. 3.Enhance router WiFi signal strength. 4.Long press Resetbutton for 10s, reboot stick logger and networking again.
Slow flash	ON	Slow flash	Connection betwe- en logger and router normal, connection between logger and remote server abnormal.	1.Router networking abnormal. 2.The server point of logger is modified. 3.Network limitation, server cannot be connected.	1.Check if the router has access to the network. 2.Check the router's setting, if the connection is limited. 3.Contact our customer service.
OFF	OFF	OFF	Power supply abnormal	1.Connection betw- een stick logger and inverter loosen or abnormal. 2.Inverter power in- sufficient. 3.Stick Logger abn- ormal.	1.Check the connection, remove the stick logger and install again. 2.Check inverter output power. 3.Contact our customer service.
Fast flash	Any state	Any state	SMARTLINK networking status	Normal	1.Exit automatically after 5mins. 2.Long press Reset button for 5s, reboot stick logger. 3.Long press Reset button for 10s, restore factory settings.
Any state	Any state	Fast flash	Restore factory settings	Normal	1.Exit automatically after 1mins. 2.Long press Reset button for 5s, reboot stick logger. 3.Long press Reset button for 10s, restore factory settings.

4. Usage methods and notices for Reset button

4.1 Usage methods and key-press descriptions for Reset button

Usage: Press



4.2 Notices for Reset button



USER MANUAL for SOLARMAN Smart APP

1.Registration

Go to SOLARMAN Smart and register. Click "Register" and create your account here.

		English 🗸	← Regis	ter
	🌀 SOLARMAN Sma	r -	Phone Number	E-mail
	E-mail Phone Number Unername E-mail E-mail		E-mail Please enter E-mail	
	Password	~	Verification Code Please enter verification	on code Reside X
			Password	
	Log In		Passavord length must be greater (then 6 bits
Re	ngister Fo	rgot Paseword?		

2.Create a Plant

Click "Add Now" to create your plant. Please fill in plant basic info and other info here.



3.Add a Logger

Method 1: Enter logger SN manually. Method 2: Click the icon in the right and scan to enter logger SN You can find logger SN in the external packaging or on the logger body.

1054.66			10.54.891	Add a Langer	
My Flams	 Create a Plant Auto darias 	1	Plasse orter t	he logger SN belongs to the	e plant. System logger.
	A NO B GONGE		5N Plants		н
				Carries Fe	sd Srivitarcook/
Demo plant-M	icro inverter				
88.00W Current Production Power	45.38MWh Production-Today				
45.38K CNY Articipated Visid- Today	773.30K CNY Articipated Yield-This Month				
Updates					
м	ore \rightarrow			Add target device	

4.Network Configuration

After the logger is added, please configure the network to ensure normal operation. Go to "Plant Details"-"Device List", find the target SN and click

"Networking".

Device Details + Invettor No. of Connections: 2 Legger Copper Su12351265 Comper Su12351265 Motior Sensessand autors Instea hanostrag Su13666695 Legger Su12666695 Senses hanostrag Su13666695	10(14 AM		=
Invertor Ho. of Connectors: 2 Logger Invertor Statistical States States Management States Heavening Modulo Logger Invertor States Heavening Data States Sta	\leftarrow	Device Details	+
Legger Logger Control (1997) Shi 123541245 Setter International Moduler Logger Control (1997) Shi 12666005 Setter International	Inverter	No. of Connections: 2	
Meter Electrasocal delos Device Naturaling Module Elegan Shi 130605055 Device Naturaling Device Naturaling	Logger	Logger SN:123341245	Normal
Module Logger one SN: 136689995	Meter	Select associated device Device N	letworking
SN-136689995 Device Networking	Module	Logger	Office
		SN:136689996	letworking

Step 1: Confirm Wi-Fi Info

Please make sure your phone has connected to the right WiFi network. And click "Start".

 10,14 AM •••••• 🔳
← SN:2312423 ≓
Password
App_only Change network
5G frequency band is not supported. Please connect to 2.4G frequency band.
Start to configure
Reminder
 Please make sure the signal strength of Wi-Fi is good During the configuration, some Android phones will prompt that the current network is not available. Please

Step 2: Connect to AP network

Click "Go to connect" and find the right "AP_XXXXX" network (XXXXX refers to logger SN). If the password is required, you can find the password on the logger

body

Go back to SOLARMAN Smart APP, after connecting to AP network.

o to WI AN Setting and connect the	< settings WLAN	
lowing network manually	WLAN	≜ ? 0
Andreid TO D	MY NETWORKS	
₽_622602179 🗢 🗊	Android	? ()
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e connect the network. You can find e password on the device enclosure.	HYH123	≜ 奈 ©
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Go to connect	OTHER NETWORKS	
	act-blue	? (
Cancelar	ChinaNet-igen	≜ ╤ 0

Step 3: Auto Configuration

Please wait for a while to complete the configuration. Then system will switch to the following page.

Click "Done" to check plant data. (Usually, the data will be updated in 10 mins)

0:14 AM		10:14 AM	🔳
 Device Configuration 			
		Configuration	succeeded
Please shorten the distance between t router and phone.	he device,	Device data will be display you can check device	ed in 10 mins. After thet, status in device list.
Onnect to device			
Configuring			
Restart			
Verified			
		Dor	é

If configuration failure occurs, please check the following reason and try it again.

- (1) Make sure WLAN is ON.
- (2) Make sure WiFi is normal.
- (a) Make sure wireless router does not implement the white-black list.
 (4) Remove the special characters in Wi-Fi network.
- (5) Shorten the distance between the phone and device.(6) Try to connect to other Wi-Fi.

Warning: Please make sure the stick logger is working properly before you leave the site. If there is anything abnormal, please do not leave the site and contact customer service at the first time Customer service number: 400-181-0512

If you have any technical queries about our products, please contact us and provide the following information: 1. Product model and serial number of stick logger

- 2. Product model and serial number of connected inverter. Thank you for your support and cooperation!

WARRANTY CARD

Dear Customers,

Thank you very much for using our products. In order to provide you with better service, please fill in the warranty card and reserve it carefully.

User Name		Customer Name	
Purchase Date		Customer Phone	
Product Name &Model		Product SN	
Customer Address			
Order No.			
	Date	Failure Cause and	Treatment
Maintenance Records			

Warranty Policy

If there is any breakdown which caused by the product's own quality, customers can send the warranty card with the product to our Customer Service Center.

Notice

1.According to the prescription, the warranty period is 5 years(From the day when you receive the product). During the warranty period, we provide free maintenance service to solve all non-artifical quality problems if the product is under normal usage circumstance. If the product exceeds the warranty period, only maintenance cost will be charged.

2.1f the failure of the product is not due to quality problems(such as improper use, improper storage, unauthorized disassembly, etc.) , maintenance cost will be charged.

3.Please pay for back goods freight in advance. Freight collect is not accepted.

Support Email: customerservice@solarmanpv.com

Customer Hotline: +86 400 181 0512

Company Address: A2-B-4, Tian'an iPark, No.228 Linghu Avenue, New District, Wuxi, Jiangsu Province, P.R.China