plenti**SOLAR**
Erneuerbare Energie

www.plentisolar.de

Stick Logger

Product Model:

LSE-3

SN.1903520003
Ethernet

Warning:

1.Please remove logger after power off.

2.Please install the stick logger to the inverter after the cables installed.

3.To guarantee communication quality, please use shielded twisted pair or above. Meanwhile, the maximum communication distance cannot exceed 100m.

Notice：

Please read this manual carefully before using products and keep it in the place where O&M providers can easily find.
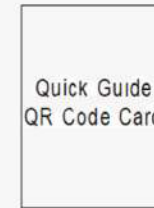
Due to product upgrade and other factors, the content of this manual might change from time to time. Please take actual product as standard and get latest manual from www.solarmanpv.com or sales. Unless otherwise agreed herein, this manual will only be used as guidance. Any statement, information or suggestion in this manual will not take any form of responsibility.

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Product List

Quick Guide
QR Code Card

Warranty Card

Sticker Logger
X1

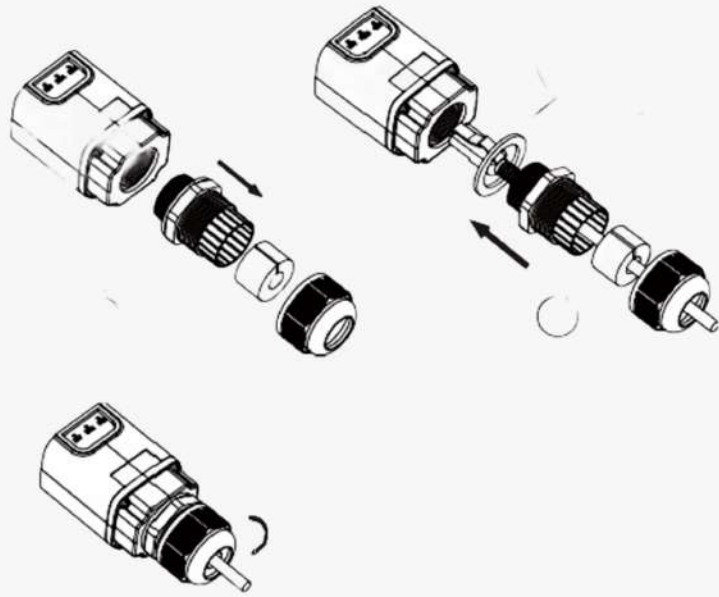Quick Guide
(QR Code Card)
X1

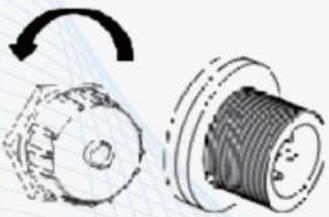Warranty Card
X1

Crowbar
X1

Net Interface Installation

Step1: Please remove waterproof cap, waterproof inner core, waterproof joint body in order. Please do not lose waterproofing ring.

Step2: Cover network line with waterproof cap, waterproof inner core, waterproof joint body and waterproofing ring in order (Force to open waterproofing inner core.)
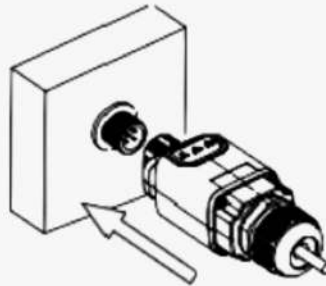
Step3: Insert RJ545 into stick logger's interface. Tighten waterproof joint body and waterproof cap in order. Prevent network line loosening during the tightening process.
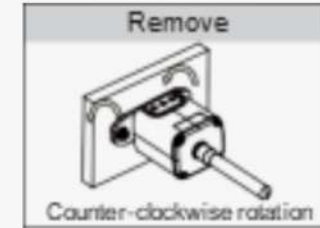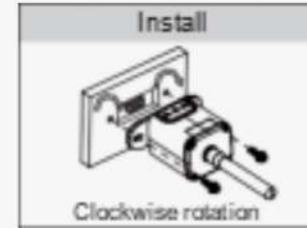
Stick Logger Installation

Step1: Loosen inverter's nut.

Step2: Insert stick logger along the joint guide groove.

Install/Remove

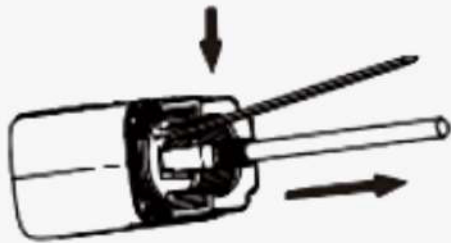| Install	Remove
Clockwise rotation	Counter-clockwise rotation

Warning:

Please do not hold the logger body to rotate while install or remove the logger.
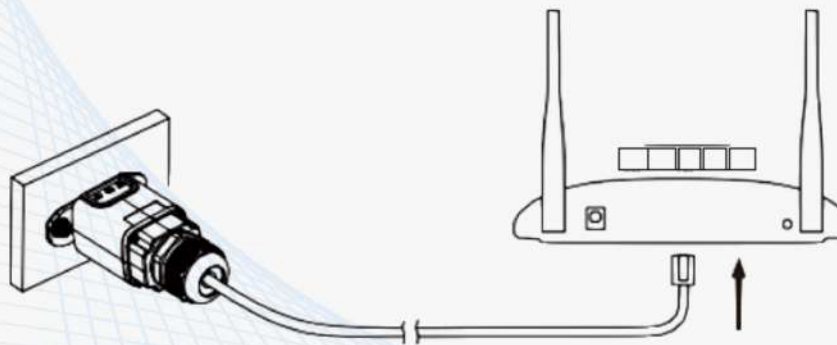
Remove: Cable Registered Jack

Use crowbar to press buckle of cable Registered Jack, then draw out

Registered Jack.

Connect to Router

Step1: Connect another end of network line to LAN Interface.

Logger Status

Check Indicator light

Light	Implication	Instruction
NET	Communicate with network	1.Light off: Connection to the network failed 2.Light on: Connection to the network succeeded
COM	Communicate with inverter	1.Light off: Communication with inverter failed 2.Light on: Communication with inverter succeeded
SER	Communicate with server	1.On 6s/Off 6s(Slow flash): Connection to the server failed 2.On 1s/Off 1s(Slow flash): Connection to the server succeeded

The normal operation status of the stick logger:

(Please make sure the router connected to the network successfully.)

1.Initialization: NET light is on lasting 1s then extinguishes.

2.Connecting to the server: SER light flashes slowly 2s later.

3.Communication with inverter succeeded: COM light keeps on around 5s.

4.Connection to the server succeeded: SER light fast flashes and NET light keeps on around 7s.

Start to run normally.

Registration and Usage

Please download APP according to the <SOLARMAN APP USER MANUALS>. Then complete the registration of new account and plants.

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Abnormal State Processing

NET	COM	SER			
NET	COM	SER	Fault Description	Fault Cause	Solution
Any status	OFF	Any status	Communication with inverter abnormal	1.Connection between stick logger and inverter loosen. 2.Inverter does not match with stick logger'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.

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NET	COM	SER	Fault Description	Fault Cause	Solution
NET	COM	SER			
OFF	Flash/ON	Any status	Communication with base station abnormal	1.The network line is not connected to the router. 2.The router cannot connect to the network. 3.Connection between stick logger's network and joint loosen.	1. Connect to router's network interface again. 2.Connect to stick logger's net work interface again. 3.Check if the router connected to the network line successfully.
OFF	OFF	OFF	Power supply abnormal	1.Connection between stick logger and inverter loosen. 2.Stick Logger abnormal.	1.Check the joint, insert or extract it again. 2.Contact Customer Support