# Solar Inverter

**User Manual** 



## A.Product Introduction

- 1.LED signal lamp:indicating device of present working status.
- 2.REST:restore the initial parameters .

## **B.Product Installation**

- Wifi plug installation step:(SM series for example)
- 1.using cross screwdriver to remove the cover of RS485,according to the picture below. (suggestion:keep cover)

-WIFI PLUG

2.insert the wifi plug(pany attention to the direction of plug), locking screw .(see attachments)



## **C.Network Settings**

After insert the wifi plug, start settings.

## 🔥 Notic

The setting hereinafter is operated with Window XP for reference only. If other operating systems are used, please follow the corresponding procedures.

1.Prepare a computer or device, e.g. tablet PC and smartphone, that enables WiFi.

2.Obtain an IP address automatically.



eral Alternate Configuration	
ou can get IP settings assigned a is capability. Otherwise, you nee e appropriate IP settings.	automatically if your network supports d to ask your network administrator fo
⊙ <u>O</u> btain an IP address automa	rically
Uge the following IP address	
IP address	
Sybriet mask:	
Default gateway:	
🔿 Ogtain DNS server address a	sutomatically
Use the following DNS serve	r addresses:
Preferred DNS server.	
ålternate DNS server	
	Advanced

Open Wireless Network Connection Properties, double click Internet Protocol (TCP/IP).

Select Obtain an IP address automatically, and click OK.

## 3.Set WiFi connection to the module.

Wireless Network Connec	tion	
Network Tasks	Choose a wireless network	
💋 Refresh network list	Click an item in the list below to connect to a gireless network in rar information.	ige or to get more
🖑 Set up a wireless network	((Q)) Vingzhendlink	Connected 🚖
for a home or small office	Security-enabled wireless network (WPA2)	lite.
Related Tasks	(( + )) AP_300000000	Automatic ★
U Learn about wireless	Unsecured wireless network	
Learn about wireless networking	Unsecured wireless network Because security is not enabled on this network, infom	etiil sation sent over this
Lesen about wireless networking     Change the order of preferred networks	Unsecured wreters network. Because security is not enabled on this network, inform network regits be visible to others. To connect to the r	eliii nation sent over this network, click Connect.
Learn about writiess     networking     Change the order of     preferred networks     Prange advanced	Losecared witeless network. Because security is not enabled on this network, infor network might be visible to others. To connect to this t	sation sert over this retwork, click Connect.
U Learn about wireless networking Change the order of preferred networks Change advanced settings	Unexcard antellos patiente. Because security is not evabled on this network, inform evable to others. To connect to this in ((Q)) public	itili sation sert over this setwork, click Connect.
<ul> <li>Learn about verdess networking</li> <li>☆ Ohange the order of preferred networks</li> <li></li></ul>	Unsecured werkers patients. Because security in not enabled on the network, of our enable to others. To connect to the of ((cp)) polic: (: Society-enabled wireless network (white))	etili nation sant over this etwork, dick Correct. attill
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Open wireless network connection and click View Wireless Networks, Select wireless network of the data logging module, ,the default password is 12345678,network name of collector is SN number of product, then click connection.

#### 📐 Notice

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If can't find the SN number of collector, connections or settings of wifi module is wrong. check if the module's position is right or press the reset key. If still can solve the problem, please contact with the supplier.

4. Set parameters of wifi plug.

(1) Open a web browser, and enter 192.168.8.66, then fill in username and password, both of which are admin as default.

(2) In the configuration interface of WiFi module, you can view general information of the module.

Follow the setup wizard to start quick setting.

W0936000923001	DEV PN
1.5.0.1	oft Ver
APSTA	ViFi MODE
V1.1	ViFi Ver
	NP MODE
W0936000923001	SSID
192.168.8.66	IP
ACCF23AA33DF	MAC
	TA MODE
Network Success	Network Status
User_250000	Router SSID
192.168.188.212	IP
ACCF23AA33DE	MAC

(3) Configuring router's account and password:entering wifi setting interface,type in account and password of router, Also you can press to search the wifi nearby, besides, you can also set the hotspot name by yourself.

at	Network Name(SSID) Note: case sensitive	User_250000 Scan
Set	Encryption Method	WPA2PSK ·
°E Set	Encryption Algorithm	AES •
m Set	Password	Show Words
	Obtain an IP address automatically	Enable •
	IP Address	192.168.188.212
	Subnet Mask	255.255.255.0
	Gateway Address	192.168.188.1
	DNS Server Address	10.10.100.254

(4)Configuring setting address:entering equipment's working interface, set the contact address of connected equipment.

STA Set       Equipment Model       Address       Confirm         DEVICE Set <ul> <li>1</li> <li>No Device</li> <li>Setting</li> </ul> *Notes       Reset the device model and the communication address after the restart to take effect!	Vizard	Device address setting		
PORT Set     Equipment Model     Address     Confirm       DEVICE Set <ul> <li>         1</li> <li>         No Device</li> </ul> System Set <ul> <li>         Totes</li> <li>         Reset the device model and the communication address after the restart to take effect!       </li></ul>	TA Set		2015	
DEVICE Set	PORT Set	Equipment Model	Address	Confirm
System Set Setting Notes Reset the device model and the communication address after the restart to take effect!	DEVICE Set		• 1	No Device
		Reset the device model a restart to take effect!	and the communi	ation address after th

#### (5)Entering system, setting reset wifi

(6)See if ok with setting, after reset successful, can check the router's connect status from system interface and check the equipment connections status.

## D.PV power station monitoring system

1.Entering the website to register.

## Open a web browser and visit the portal website: kstar.shinemonitor.com .



#### a.Click to register immediately.



b.Filling information step by step when registering, attention: number of data collector is the SN number of wifi plug, can be seen from the district of bar code .

& Plants Overview ~		A kstartest Proprietor
Add new plant	Add new datalog	
, Installation information		
* Plant name		
* Plant installation date		
" Design power	100	6
Design companies		
, Plant location		
Country		
Province/State		
City		
Address	何本定县中和国际部村一组	
* Timezone	OMT+08:00) Belling, Chongqing, Hong Kong, Urun	gUrluala Lompur, Bingapon
Longitude 9		
Labbude 🛛		
. Set income formula(Set 1kwh as the conversion standard)		
© Default ®	Customize	
* Capital gains :	1.20	
* Currencies	FMD(#)	•
* Coal saved(kg)	0.400	
* CO2 reduced(kg)	0.997	
* SO <sub>2</sub> reduced(kg)	0.030	

c.New power station, filling the information following requirements, you must fill the blank with symbol of \*.

		Proprie
Add	new plant Add new datalog	
	datalog name	۲
	Add	Add new plant Add new datalog

d.Add wifi plug:press to add data collector,type into SN number,then can be add successful.

## 2. Overview of power station monitering system.



2.1 Working status interface overview of power station.

Click single power station under list of power station to entering station home page, check all monitoring data of station, including electricity, equipment status, alarm, etc.



Check equipment's real time power rate and specific data at the equipment's management interface. Also can add new data collector wifi plug.

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	Part Posties	Power Generation Overview	Beeles Management	Alam Event Plant Information	Part Analysis		
Consider Let	A \$1 new dot.insg	1	Datalogs	which belongs to this pla	ant		
	estateg pri	datalog name	Datalog Status	Timezone		Operation (Modify Delet	a Upgrada)
	W0716300010722	11 HZ 12	Office	0		/81	

## 2.2 User's account setting.

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2017 説明最邦用充有限公司 Sheeshen Eybond Co., Ltd.	& Plants Overview *		Assartest *	English
L Persent Internet	Modify Personal Info			
Medily Personal Into	Usemane :	Fotartest		
	*E.Mai	extendige-bond row		
Lour Management	* Tephore	15000702800		
🜲 Alam Setings 👘 👻	Default language	42	•	
	cances	contains		

## a.Click personal information,check and modify personal information and modify login password.

	& WAFER *		Proprietor	English
salista ~	Account Managementx's Add sub-user			
heagenert ~	1. Account info			
ourst Management	* Username	0		
Management	*passeord			
Query	* contine paraword			
Satinas	2. User info			
	* E-Mail			
	* Telphone			
	Demark			
	3, Plant belongs			
	Select grants which belongs to this user	OFLANT OWERS DELL	IORIE DOPRSHIE DWI-FIRTURE	5
	4. Role permissions			
	Select account roles	102-0181		
	cancel	- confirm		

#### b.Click user management, can add sub-account.

		WLFIRD	*:			A Astarterit	English ~
2 Personal Into	Atten	attata -					
🞝 Usir Manaperard	No.	Email	Receiving plant name	Alarm Type	Receiving daily report	Receiving monthly reports	operation
A Alam Sattaga					กล้องกัง		
Maillors settings							
Phone settings							

c.Click alarming settings, can set email or phone number to receive the alarm message.