FSØLAR

End user manual V3.0

(APP Name: FSolar. Website URL : https://shine.felicityess.com/)

Tips:

- 1. WEB Access is recommended using Chromev 90.0 Above, Edgev 90.0 Above browsers, display device resolution is 1920*1080, the viewing effect is better.
- 2. Android Phones Recommended for Android 5.0 Above, the resolution is 1080P above, the browsing effect is better.
- 3. Apple mobile phone recommended to use IOS 11.0 Above, the browsing effect is better.

Scan the code to download the app



1.Function introduction

• Is a photovoltaic data monitoring as the main purpose of intelligent cloud platform. Provide users with real-time monitoring, plant, Device management and remote control, intelligent alarm and other functions. Let users realize the information management of photovoltaic power plants.



2.Setting Up the Network for the Device

- 1. Entry after login.
- 2. Entry before login.
- 3. Please refer to your device description for WIFI or Bluetooth. If you have any doubts, please contact us.Our devices all support WIFI mode, and only the latest devices support Bluetooth mode.



2

- 1. The first time you enter, you need to authorize location information to help set the time zone for your device.
- 2. Click on [Switch] to enter the phone system -> WIFI/WLAN page, connect to our device WIFI, usually a combination of letters and a long string of numbers. The password is 12345678

< Setup Network	09:06	ull 5G 98)	÷	G
Step 1: Please turn on the WLAN of your mobile phone and	K WIFI Configuration	n 🕐		
connect to the Smart WI-FI module hotspot.	0 Connect WIFI Module		Internet	
\odot	Current WLAN:	Switch		
Allow Fsolar to access this device's location?	⑦ Disconnect	(m	Wi-Fi	
	Connection Method: Choose a WLAN with identification, usually s password: 12345678, After successfully conn current page.	starting with S and I, necting, return to the	♥ FLS-BGS Connected	۲
	Home-Wifi-FF ≜ © S1700022390170 ≜ ♡	•	◆ FLS-RD Saved	⋳
Precise Approximate	WE153-666	•	S100022030002 Saved / Won't automatically connect	ð
While using the app	l020804812345633		✓ FLS-ES Sound (No Internet accore	%
th Only this time er			FLS_LED	A
3 en 4ft			 Saved / Check password and try again 	
module, please move the mobile phone close to the module, or re-plug the module; 5 During configuration, since it takes 1 to 2 minutes to restart the Smart WFEI module the mobile hone may automatically concert to atter	ন্থ Network Diagnostic Next	s	S130022240011 Saved / Won't automatically connect	ð
WiFi hotspots, which is a normal phenomenon. 6.If the problem is still not solved, try restarting the device.			S130022300005 Saved / Won't automatically connect	A
1	2-1		2-2	$\dot{\mathbf{U}}$

- 1. Fill in the WIFI name and password of the router you need to connect to, click on the connection, and wait for the WIFI module to reboot.
- 2. Click on [Connect], and the device will receive the command to wait for the collector to restart.
- 3. Wait for the collector to restart, observe the light state after starting, the first light indicates power supply, the second is communication with the inverter, the third is the router, and the server network state. The entire network setup was successful. If a light is still flashing, please click on the help in the upper right corner to troubleshoot the problem.

Strp 2: Plase connect the data collector with the witerless of the connect witerless of the connect with the witerless of the connect with the witerless of the connect witerless of the con	Setup Network	< WIFI Configuration	< Network Diagnostics
Rever Name Places eat the router name at leas Cooces Mature Places eat the router name at leas Cooces Mature Places effil in the password Place fil in the password Correct Correct WiFi mode Supported Yet Support Su	Step 2: Please connect the data collector with the wireless r oute.	Connect WIFI Module	
Place at the router name at leas Place at the router name at leas 2 waining for communication Place fill in the password 0 NetWFITWIN 53 Frequency is Not Supported Y: 0 Concert Successfully configured Willing for communication 0 Successfully configured Successfully configured Willing for communication Successfully configured Success	Router Name		Phone \$090101230024040012
Passed Passed reference of the the password reference of the the spassword reference of the the spassword is Not Supported to a connection connection connection reference of the spassword is Not Supported to WFI module The four has expected to WFI module The proper successfully connected to the proper successfully connected to t	Please set the router name at least Choose Network	2 Waiting for communication	ø
Please fill in the password where Wirther Wirth Sto Frequency is Not. Supported Yat. Cruce Cruce The seam as user that the connected route is connected to the internet normally. So for that the WLAN user and password entered are correct, its still alwane and password entered are correct. The enter the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered are correct. So for that the WLAN user and password entered	Password		
NoteWHFW105 Grequency 1s Not Supported YE Concert Conc	Please fill in the password 😽	Successfully configured	Inverter WiFH-Module Router
Connect	Note:Wi-Fi With 5G Frequency Is Not Supported Yet		0
Tpc Wif module connected to Wif module 1) Please make sure that the connected route is connected to the internormally. Wif module consected to Wif module 2) Confirm that the WAA address filtering function of the internormally. Wif module consected to wifer module 3) Please make sure that the AAC address filtering function of the internormally. Wifi module consected to wifer module 3) Please make sure that the MAC address filtering function of the internormal please try to restart the WF.Fi Wifi module successfully connected to device 2) Please make sure that the MAC address filtering function of the internormal please try to restart the WF.Fi Wifi module successfully connected to wifi module 4) It connection is used to the WAAA address filtering function of the internormal please try to restart the WF.Fi Wifi module successfully connected to device 5) Please make sure that the MAC address filtering function of the internormal please try to restart the WF.Fi Wifi module successfully connected to device 6) Please make sure that the MAC address filtering function of the internormal please try to restart the WF.Fi Wifi module successfully connected to wifi module	Connect		:
Yes WiFi module restarting 1) Please make sure that the connected route is connected to the internormality. WiFi module restarting 2) Confirm that the WLAN name and password entered are correct; WiFi module successfully connected to device 3) Please make sure that the Connection is filtering function of the route is turned off; WiFi module successfully connected to device 3) Please make sure that the MLA address filtering function of the route is turned off; WiFi module successfully connected to device 4) Please make sure that the MLA address filtering function of the route is turned off; WiFi module successfully connected to device 5) Please make sure that the MLA address filtering function of the route is turned off; WiFi module successfully connected to device 6) Please make sure that the MLA address filtering function of the route is turned off; WiFi module successfully connected to device 7) Please make sure that the MLA address filtering function of the route is turned off; WiFi module successfully connected to device 9) Please make sure that the MLA address filtering function of the route is turned off; WiFi module successfully connected to route is the route is turned off;			Server
here a connection is leave that the WLAN name and password entered are correct; 2) Please make sure that the WLAN name and password entered are correct; 2) Please make sure that the MAC address filtering function of the route is turned off; 4) If the connection is still abnormal, please try to restart the WLFI or the connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal, please try to restart the WLFI connection is still abnormal please try to restart the WLFI connection is still abnormal please try to restart the WLFI connection is still abnormal please try to restart the WLFI connection is still abnormal please try to restart the WLFI connection is still abnormal please try to restart the WLFI connection is still abnormal please try to restart the WLFI connection is still abnormal please try to restart the WLFI connection is still abnormal please try to restart the			WIFI module restarting
he h		—	The phone is reconnecting to the WIFI module
Connection failed, please manually reconnect The phone successfully connected to WIFI module WIFI module connected to outer, [FLS-RD) WIFI module obtained IP; (192,168,20.166) WIFI module successfully connected to server WIFI module successfully connected to ser			The phone successfully connected to WIFI module
he connection is till abnormal, please try to restart the WFFI or dute			Connection failed, please manually reconnect
MIFI module connected to router(FLS-RD) WIFI module obtained IP:(192.168.20.166) WIFI module successfully connected to server WIFI module successfully connected to s			The phone successfully connected to WIFI module
VIFI module obtained IP: (192,168,20,166) Tips VIFI module successfully connected to server 1) Please make sure that the connected route is connected to the Internet normally; VIFI module successfully connected to device 2) Confirm that the WLAN name and password entered are correct; Connection successfully 3) Please make sure that the MAC address filtering function of the route is turned off; VIFI module successfully 4) If the connection is still abnormal, please try to restart the WLFI entered connection is still abnormal, please try to restart the WLFI VIFI module stry to restart the WLFI			WIFI module connected to router:{FLS-RD}
Tips WIFI module successfully connected to server 1) Please make sure that the connected route is connected to the Internet normally; Connection successfully connected to device 2) Confirm that the WLAN name and password entered are correct; Please make sure that the MAC address filtering function of the route is turned off; Connection is unceessfully connected to the route is turned off; 4) If the connection is till abnormal, please try to restart the WH-Fi Enternet route is turned off; Enternet route is turned off;			WIFI module obtained IP: {192.168.20.166}
Tips WIFI module successfully connected to device 1) Please make sure that the connected route is connected to the Connection successful √ Internet normally; Confirm that the WLAN name and password entered are correct; Connection successful √ 2) Confirm that the MLAC address filtering function of the route is turned off; Hease make sure that the MLAC address the to restart the WFFI connection is used to restart the WFFI connection and routers 4) If the connection is sufficient or address of the routers Hease try to restart the WFFI connection address of the routers			WIFI module successfully connected to server
1) Please make sure that the connected route is connected to the Connection successful √ 1) there more all password entered are correct; Connection successful √ 2) Confirm that the WLAN name and password entered are correct; Fease make sure that the MAC address filtering function of the route is turned off; 4) If the connection is still abormal, please try to restart the Wl+Fi entered are correct; Fease make sure that the with the sure that the with the sure that the with the sure diverse context and with the sure that the sure that the with the sure that the sure that the with the sure that t	Tips		WIFI module successfully connected to device
2) Confirm that the WLAN name and password entered are correct; 3) Please make sure that the MAC address filtering function of the route is turned off; 4) If the connection is still abnormal, please try to restart the WI-Fi routed is under a direction and mutans.	 Please make sure that the connected route is connected to the Internet normally; 		Connection successful √
3) Please make sure that the MAC address filtering function of the route is turned off; 4) If the connection is still abormal, please try to restart the WI-Fi route is under a direction and mutans	Confirm that the WLAN name and password entered are correct;		
a) If the connection is still abnormal, please try to restart the WI-Fi a) or the connection is still abnormal, please try to restart the WI-Fi	3) Please make sure that the MAC address filtering function of the		
4) If the connection is still abnormal, please try to restart the wr-H	route is turned off;		
	4) IT the connection is still abnormal, please try to restart the WI-Fi network collectors and routers.		



2

[Explain]

Note: The collector module can only connect to 2.4Ghz WIFI signal. 4G module has no distribution network process and no Device direct connection function.



3.Registration and Login

- 1. Registration entrance. After registration, you can click the Login button above to log in
- 2. Select the corresponding role, if you are dealer or install, please choice "I am the installer / dealer".if you are end user please choice"I am the end user".Then to hit[Next Step]
- 3. Register using email or phone number.Fill in necessary of information.Then to hit[Registration] Note: "End Users" need to complete the Installer/Dealer Code can adopt ask you of dealer or install merchant Get.



4.Creat A Plant

- 1. After logging in, slide or click on [Plant] to enter the new page.
- 2. Fill in the plant information, to hit[OK]
- 3. Click on [Add Device] on the page
- 4. Scan the QR code on the device or directly enter the SN and verification code.

If you have successfully added the plant, congratulations, you can now monitor your plant and equipment.

14:53		.ul 🗢 😰	09:01	лI 🗢 🕮
Overview	Plant Device		<	Create A Plant
Q. Search		۱ - ۲۹۳۳	Ba	1 2 sic Info Add Devices
			Plant Pictur	res 🧧
			* Plant Name	9
			* Country/Re	egion Guangzhou Guangdong China >
			* Address	No.12 Huaye Road,No.12,Huaye Road,Baiyun
	A		* Time Zone	UTC+8 >
			* Plant Type	Residential >
	No plant∼		* Energy Flov	w Type 🔞 PV+Grid+Battery+Load >
	Create A Plant		Tag	>
			* Currency	CNY >
			* Local Electi	iricity 😯 1
		<u> </u>	Installer	
			* Installation	Date 2024-07-18 >
				Next
Home	Service	Me		
		_		
	1			2
	Ŧ			2



<		AII 🗢 🥑
	Add Device	
	C T T T	
*Device SN		-Enter-
*Device Checks	um	-Enter-
Device Alias		-Enter-

>

1

5.Home Page

5.1 Plant

5.1.1 Plant Details

- 1. The Plant you just added will be displayed on the list page, If the device distribution network is successful, the small dots are green.
- 2. Click on the plant to enter the overview page, We will see the energy flow of the plant
- 3. Swipe left or right to switch between data or device pages. The data page contains chart data.
- 4. On the device page, you can click on the device to view it, and click on the cloud computer in the upper right corner to enter remote control

ew Plant De	vice	+	<	• Fsolar
h		T	Overview Data	a Device
ollo-5KLP1G01			Guangzhou,Guang	dong,China,No. 2, Donghua
Power	1468 W		Huaye Road, Renh	ne Town, Baiyun District
Capacity	y 5 kWp		🛎 Sunrise-Sunset 06	5:00-19:04
Owner	Hans		Update Tir	me:2024–08–08 16:15:00 (UT
Donghua Huaye Roa	ad, Renhe Town, Ba	aiyun Distri	Energy Flow Graph	All
r			1545 w	
Power	1970 W		PV	
Capacity	y 20 kWp			
Owner	Hans			
Donghua Huaye Roa	ad, Renhe Town, Ba	aiyun Distri		•
city's Plant	45500 114			
Power	15538 W			
Capacity	у 60 кwp		🧲 96 %	1
Owner	Hans		81 W	114 w
2, Donghua Huaye Roa	ad, Renhe Town, Ba	aiyun Distri	Charge	Backup Load
			PV Statistics	
			Today	Month
		6.6	62.11 kWh	355.22 k
		<u> </u>	Year	Total
			4258.32 kWh	5865.89
			Income Statistics	: 😢
			Today	Month
			6.21 ¥	35.52 ¥
	.	- 4	Year	Total
	rvice	Me	1 Gui	i otal
me Se				



5.1.2 Authorized Plant

- 1. Authorize the power station to allow others to view or manage the entrance
- 2. Add the user you want to authorize
- 3. You need to enter your complete phone number or email to search, select the user and choose the corresponding authorization permission. After authorization is completed, the other party will see your plant





5.2 Overview

- 1. You can click on the upper right corner to edit the cards you want to see.
- 2. Drag up and down to sort, choose to hide or display cards.

		ul 🗢 98	09:13	
verview Plan	t Device		< Card Edit	ing
V Overview			Selected Cards	
\frown	Davier	40075	Device Overview	
47%	Power	40375 W	Device Overview	i
	Capacity	65 Kwp	PV Accumulation	
V Accumulation			Ticket Overview	
Today	Month			
54.71 kWh	2321.06	<wh< td=""><td>Environmental Data</td><td></td></wh<>	Environmental Data	
Year	Total		More Cards	
18965.09 kWh	20572.67	7 kWh		
Plant Overview			Plant Overview	
	Online	3 >	PV Overview	
3	Fault	0 >		
Plants	Offline	0 >		
	Not Monitored	0 >		
Device Overview				
	Online	6 >		
7	Fault	0 >		
Device	Offline	0 >		
	Not Monitored	1 >		
Environmental Da	ita	878		
Reducing Defore	estation CO ₂ Redu	uction		
1131 Tree	20510 m ³	Lie dut		
		Ä		

5.3 Device

5.3.1 Device List

- 1. The list provides device search, filtering, remote control, editing, and device deletion functions
- 2. Click the filter button in the search box to provide online status and other filtering options
- 3. Each device has remote control (cloud computer) and menu buttons in the upper right corner



5.3.2 Device Details

- [Overview]Displays the energy flow diagram, the operating status of the Device, from top to bottom is PV Input -> AC Output, basic data, version data, grid data, etc., different data is displayed according to different models.
- 2. [History]Displays the data that occurred in the past, displayed in the form of charts, and the right side is the selection of indicators you want to see.
- 3. [Alarm]If the Device is alarmed, you will see it on this page, and the detailed alarm code can be found in the [User Guide] under [Product Manual]
- 4. [Association] Displays the associated battery packs, collectors, and other Device.









6.Device Direct Connection

- 1. Entry before login
- 2. Entry after login
- 3. Please refer to your device description for WIFI or Bluetooth. If you have any doubts, please contact us.Our devices all support WIFI mode, and only the latest devices support Bluetooth mode.

Like network configuration, you need to select the mode, WIFI is fully compatible, Bluetooth requires new version hardware.



- Click on [Please select mobile WIFI] to enter the phone system -> WIFI/WLAN page, connect to our device WIFI, usually a combination of letters and a long string of numbers. The password is 12345678
- 2. After connecting, the middle icon will light up, click to enter [Next Step].

[Detail page] Reference 5.3.2 Device details [Precautions] Non-professionals please do not operate.



7.Service

7.1 Network Configuration and Direct Connection

• Details refer to section 2, 6 of this document.

7.2 Installation Video

- 1. Entrance
- 2. [Video List]Click to view the video
- 3. [Video Details]You can slide the progress bar and watch in full screen



7.3 Product Manual

- 1. Entrance
- 2. [List] Left navigation, right click to enter details
- 3. [Details] Displays the model specifications, wiring diagrams, etc.



7.4 Help Center

- 1. Entrance
- 2. Click to expand and view the help content



7.5 Repair

- 1. Entrance
- 2. Click to create a new repair report
- 3. Fill in the repair Device information, and someone will contact you.



7.6 Live Chat

- 1. Entrance
- 2. Enter the question you need to ask, and a dedicated person will reply



8.My

8.1 Personal Information

1. Entrance

2. Provide to modify personal information, modify mobile phone number, email function.

н.зо 👽 Ме		< Personal	Information
Hans	>	Profile Photo	0
Message	[#]	Name	Hans Save
My Installer/Distributor	>	Change Password	
Favorites	>	Modify Phone Number	19999999999
About Us	>	Modify Email	demo@felicitysolar.com
	5		
Home Service			
Home Service	€ 		

8.2 Message

- Message reminder function, display the history message content.
- 1. Entrance
- 2. You can read classified messages

11:38 🥣	al *	? 9]	14:02 🕇	ul ŝ
	Me		< Ме	essage
Hans		>	System Notice	
			Device Messages	
🗭 Message			Pending Tasks	
2 My Installer/Distrib	putor	0	Other Messages	
🔶 Favorites		>		
1 About Us		>		
O Setting		>		
		~		
		22		
ġ				
Home	Service	Me		

8.3 My Instaler/Distributor

- 1. Entrance
- 2. You can inquire with the dealer/installer of the device you purchased to obtain the code
- 3. After successful binding, you will see the information of your distributor/installer



8.4 Favorits

- 1. Entrance
- 2. Show a list of collectible plants, click to cancel the collection.

11:38 🔿	ul † 🕤	14:03		.ul 🗟 🚯
Me		<	Favorit	es
Hans	>	Q. Search		
		Felicity's Pla	ant	
Manager		A States	Power	34840 W
Message			Capacity	0 kWp
My Installer/Distributor	>	8 No. 2. Donghu	Owner	Hans Renhe Town, Baiyun Distr
			24004	
	m		PIGUI	2959 W
About Us	\bigcirc	. T'	Capacity	0 kWp
			Owner	Hans
Setting	>	8 No. 2. Donghu	a Huave Boad, F	enhe Town, Baiyun Distr
		@ No. 2. Depetry	Owner	Hans
		🔀 NO. 2, Donghu	a nuaye noau, r	lenne Town, baiyun Distr
	5			
Home Service	Me			
	_			
1			2	

8.5 About Us

- 1. Entrance
- 2. Our Information, Check to update, privacy agreement exhibition.



8.6 Settings

- 1. Entrance
- 2. APP Settings, Features: Security Center, Clear Cache, replace weather unit, Switch languages

and log out.

