

# **Wi-Fi Portal Introduction**

For end-user



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This document is for Pylontech product end-user to register on the Wi-Fi portal to monitor battery status and acquire battery information.

The WIFI logger is currently available on FORCE H and Force L series of products. Further development on other product series is in the processing.

# **1. For Laptop Operation**

a. Login to the website https://home.solarmanpv.com/login.

There are two methods to register an account: email or mobile number registration E-mail registration:

က် Solarman Home 💿 Go to Business Version		Millor Manual M Download A	PP English ∨
	E-mail Phone		- 1
	🖾 E-mail		
	Password	~	
	Confirm Password	~	
	🖾 Verification Code	Send	
	I have read and agreed to T&Cs	and Privacy Policy	
	Register		
	Lo	gin with existing account	

Mobile phone registration:

💮 Solarman Home 💿 Go to Business Version	Million Manual Minaural APP English V
	E-mail Phone
	+86 v Phone
	🛱 Password
	🛱 Confirm Password
	T Verification Code Send
	I have read and agreed to T&Cs and Privacy Policy
	Register
	Login with existing account

b. Build a new plant.

After the registration is completed, users will be prompted to build a new plant. A power station can be built according to the guidance.



SOLARMAN Smart 💮 My Pla	nt BB Function		Ĵ, Eng	glish v 🛛 🕘 SolarMAN1605063005
	111	No plants Click "Create Now" to create your own plant! Create Now		

Notice

Image: Solution of the solution of th

On the page of creating power plant, basic information, system information and yield information can be provided to finish the creation.

Basic Info Ba	sic Info
	* Plant Name:
System Info	Shanghai Pylon Technologies Experiment Platform
system into	* Plant Location:
	177×64/7×1
Yield Info	上海市浦东新区上海中兴派船制源科技有限公司
	14x
6	•
	- · · · · · · · · · · · · · · · · · · ·
	- 公区77-78 低江和技問办
	公区71-72
	● 電圧為4-79% ● 電圧為4-79% 室村開始科技 ●
	工作网络科技 英一三共制造 金 上海、有限公司 集合,有限公司
	盘滚覆花学校教育 。
	* Coordinate:
	Longitude 121 * 35 ' 39.50 * Latitude 31 * 12 ' 18.89 *
	* Administrative Area:
	China v Shanghai v Shanghaichengqu v Pudongxinqu v
	* Address: * Time Zone:



Basic Info	China V Shanghai	Shanghaichengqu      Pudongxinqu      + Time Zone :	
	No. 73, Lane 887, Zuchongzhi Road, Zhangjiang High		
System Info			
Yield Info	stem Info		
5,	* Plant Type:	* System Type ①:	
	Residential Rooftop	V Storage System	
	* Installed Capacity (Unit: kWp):	* Operating Date ③:	
	100	2020-11-11	ŧ
Yi	eld Info	Unit Price(Unit: CNV/kWh) ③:	
	* Currency:	Unit Price	
	Total Cost(Unit: CNY):		
	Total Construction Cost		

c. Add a new logger.

When finishing the creation of plant, the system will prompt to add a logger (the serial number can be viewed by the code posted on the device or hotspot name), enter the logger SN number to add it, and choose to automatically select the associated device when adding the logger.

	Plant C	reated Successfully	
Type : ntial Rooftop ed Capacity		Add a Logger Logger can collect the data of related devices in the plant and upload to Solarman platform. Go to add	e () : em ate () :
		You can operate in "Plant Detail" later.	



Add a Logger		×
	SN: Please enter SN	]
		Start
	S/N: 4033112143	
	in sea par secondo de la construcción de la construcción de la construcción de la construcción de la construcció	

#### Serial number position

Add a Logger		Х
SN: 4033112143	Please select sub-device: Auto-selection $\lor$	
	Back to modify	



SOLARMAN Smart	① My Plant 🛞 Function			
Create Plant	Total Production No Data	×		CO2 Prevention No Data
Commissioning	24h Curve	Device Added	Data Overview	Today This Month
- Ann MC Shanghai Pylon Technologies Experiment		Please follow the steps to complete the networking configuration. 1. Your device requires networking configuration.		
Platform		<ol> <li>If the networking configuration is not completed or the communication is not normal, please follow the steps here.</li> </ol>		
Overview     Device		Start		
Authorization		No Data		No Data
🛕 Alerts				
<ul> <li>Plant Settings</li> <li>Delete</li> </ul>				

### d. Network configuration.

The network configuration steps of the logger are as follows:

SOLARMAN Smart			
Create Plant	Total Production No Data	X Turm on your computer or tablet and complete networking	CO: Prevention No Data
Commissioning	24h Curve	configuration. If the operation on the computer is not convenient, you can also go to APP	Data Overview Today This Month
Shanghai Pylon Technologies Experiment Platform		Please make sure that 1. The computer or tablet has wireless network. 2. Power on the logger. And logger has connected to the inverter.	
Add a Logger Overview		To the online aggle. And aggle has contracted to the intervet.     The wireless network is smooth and stable. Frequency range is 2,4GHz,     The distance between logger and router is close. The signal strength is good.	
Device     Authorization		Next	No Data
<u>já</u> Alerts			
<ul> <li>Plant detail</li> <li>Plant Settings</li> </ul>			
0 Delete			

Go to wireless network list and connect to "AP\_123456"(123456 is logger SN). The connection do not require password.



(7.	IGEN-HILINK Connected, secured	
(li.	AP_1701653002 Secured Connect automatica	
		Connect
(h	act-blue Secured	

Open the browser and enter "10.10.100.254". When connecting AP network, authentication is required (Default account and password are admin).

Windows Security	×
Microsoft Edge	
The server 10.10.100.254 is asking for your username and password.	
That server also reports: "USER LOGIN".	
Warning: Your username and password will be sent using basic authentication on a connection that isn't secure.	
admin	
•••••	
OK Cancel	

After entering Web configuration page, please go to quick configuration/networking menu and follow the prompts to complete networking configuration.



			中文   English
			Help
Status	- Inverter information		Â
Wizard	Inverter serial number	<del>99403311214</del> 3	The device can be used as a wireless access
Quick Set	Firmware version (main)		point (AP mode) to
Advanced	Firmware version (slave)		facilitate users to
Upgrade	Inverter model		configure the device, or it can also be used as a
	Rated power	W	wireless information
Restart	Current power	W	terminal (STA mode) to connect the remote
Reset	Yield today	0.0 kWh	server via wireless router.
	Total yield	0.0 kWh	Status of remote server
	Alerts		Not connected:
	Last updated	0	Connection to server failed last time.
	+ Device Information		If under such status, please check the issues as follows:
	+ Remote server information		<ul> <li>(1) check the device information to see whether IP address is obtained or not;</li> <li>(2) check if the router is connected to internet or</li> </ul>

			中文   English
Status Wizard Quick Set Advanced Upgrade Restart Reset	Network name (SSID) (Note: case sensitive) Encryption method Encryption algorithm Password (8-64 bytes) (Note: case sensitive) Obtain an IP address automatically IP address Subnet mask Gateway address DNS server address *Note: After clicking S	PYLONTECH-RESE/         Search           WPA2PSK            AES            Enable            0.0.0.0            0.0.0.0            10.10.100.254	Help In this page, you can click the "Search" button to automatically search for nearby wireless access point, and connect your device to it by setting the network parameters. *Note: If you haven't set this kind of device before, please follow the setup wizard. *Note: After clicking Save, the system will restart immediately. You need to re-login the configuration interface after restart.

Click "Search" button on the page, users can find existed wireless network servers around their locations.

Status Wizard Quick Set	Please select your cur	rent wireless netw	ork		*	Help Please refresh repeatedly if there is no desirable wireless access point
	SSID	BSSID	RSS	Channel		available.
Advanced	FYLONTECH-     RESEARCH	6:74:9C:2D:78:9E	100	1		
Upgrade Restart	PYLONTECH- RESEARCH	6:74:9C:2D:83:66	86	11		
Reset	○ 360琛岃溅璁板綍浠 �-0B8C	D0:FA:1D:2E:B:8C		1		
	MXCHIP_848FF5	B0:F8:93:84:8F:F6		6		
	O AP_4010081005	9C:D8:63:79:48:C0	45	8		
	O PYLONTECH- RESEARCH	6:74:9C:2D:83:62	42	6		
	O PYLONTECH- RESEARCH	6:74:9C:2D:78:72		6		
	AP_1701683607	98:D8:63:F:6D:65		6		
	measlab	82:EA:7:14:82:9F	13	1		
	○ Secure Visitor ★Note: When RSSI of the connection may be unsta shorten the distance betw	ble, please select oth	k is l er av	ower than ailable ne	¥	

Select one site, and click" OK" to finish the setting.



		中文   English Help
Status Wizard Quick Set Advanced Upgrade Restart Reset	Setting complete! Please close this page manually! Please login our management portal to monitor and manage your PV system. (Please register an account if you do not have one.) To re-login the configuration interface, please make sure that your computer or smart phone and our device are in the same network segment, and enter the new IP address of the device to access the interface.	*Note: The IP address of the device may have changed, please refer to User Manual to check the procedures to obtain the new IP address.

In the status window, the device information can now be viewed.

Yield today	0.0 kWh	
Total yield	0.0 kWh	Status of remote server     Not connected: Connection
Alerts		to server failed last time.
Last updated	0	If under such status, please check the issues as follows:
- Device information		(1) check the device information to see whether
Device serial number	4033112143	IP address is obtained or not:
Firmware version	MW3_14_B505_1.19	(2) check if the router is
Wireless AP mode	Enable	connected to internet or not; (3) check if a firewall is set
SSID	AP_4033112143	on the router or not;
IP address	10.10.100.254	Connected: Connection to
MAC address	9C:D8:63:C5:08:66	server successful last time;
Wireless STA mode	Enable	<ul> <li>Unknown: No connection</li> </ul>
Router SSID	PYLONTECH-RESEARCH	to server.Please check
Signal Quality	100%	again in 5 minutes.
IP address	172.30.12.212	
MAC address	98:D8:63:C5:08:66	
+ Remote server informat	tion	

#### e. View the battery information.

After the logger is connected to the Internet, return to the Wi-Fi platform interface, and the battery status information can be viewed in the device battery information bar.

SOLARMAN Smart	🛈 My Plant	88 Functi	ion		¢	English 🗸	🛞 SolarN	MAN1605063005
Create Plant	Logger	Battery				_		
	Device Name		Device Status	Updated Time 🛱			Operation	
Normal	Logger 4033112143		Online	2020-11-11 13:48:00			Check	More 🗸
Shanghai Pylon Tachnologies Experiment Platform								
🖶 Add a Logger								
📷 Overview								
E Device								
Authorization								
🙇 Alerts								
Plant detail								
Plant Settings								
💼 Delete					l record	(s) <	1 > (	20 / page 🗸

To check device data, just click the "Check" button, select "Architecture" window, click



х

### "Parent device" part.

Battery Pack 1 Device Name: Force_L	Battery Pack 1 Brand: Pylon	
Current-1: 0A	Battery Pack 1 SOC: 11%	
Cell voltage 1-2 Warning: 0	Cell voltage 1-3 Warning: 0	
Cell voltage 1-5 Warning: 0	Cell voltage 1-6 Warning: 0	
Cell voltage 1-8 Warning: 0	Cell voltage 1-9 Warning: 0	
	Current-1: 0A Cell voltage 1-2 Warning: 0 Cell voltage 1-5 Warning: 0	Current-1: 0A     Battery Pack 1 SOC: 11%       Cell voltage 1-2 Warning: 0     Cell voltage 1-3 Warning: 0       Cell voltage 1-5 Warning: 0     Cell voltage 1-6 Warning: 0

Battery4010913561 Online 2020-11-13 16:01:32

levice Data Architecture			
Battery Pack 1			
Battery Pack 1 Connected Device Sn: 1252656548545785	Battery Pack 1 Device Name: Force_L	Battery Pack 1 Brand: Pylon	
/oltage-1: 48.13V	Current-1: 0A	Battery Pack 1 SDC: 11%	
Cell voltage 1-1 Warning: 0	Cell voltage 1-2 Warning: 0	Cell voltage 1-3 Warning: 0	
Cell voltage 1-4 Warning: 0	Cell voltage 1-5 Warning: 0	Cell voltage 1-6 Warning: 0	
Cell voltage 1-7 Warning: 0	Cell voltage 1-8 Warning: 0	Cell voltage 1-9 Warning: 0	
Cell voltage 1-10 Warning: 0	Cell voltage 1-11 Warning: 0	Cell voltage 1-12 Warning: 0	
Cell voltage 1-13 Warning: 0	Cell voltage 1-14 Warning: 0	Cell voltage 1-15 Warning: 0	
BMS Temperature Warning-Battery Pack 1: 0	Temperature Point 1 Warning-Battery Pack 1: 0	Temperature Point 2 Warning-Battery Pack 1: 0	
Femperature Point 3 Warning-Battery Pack 1: 0	Temperature Point 4 Warning-Battery Pack 1: 0	Temperature Point 4 Warning-Battery Pack 1: 0	
Battery Pack 1 Charge current Warning: 0	Battery Pack 1 Module voltage Warning: 0	Battery Pack 1 Discharge current Warning: 0	
Battery Pack 1 Remain Capacity: 8.14AH	Battery Pack 1 Module Total Capacity: 74AH		

Battery4010913561 😑 Online 2020-11-13 16:01:32

Device Data Architecture			
Battery Pack 2			,
Battery Pack 2 Connected Device Sn: 1212121212111111	Battery Pack 2 Device Name: Force_L	Battery Pack 2 Brand: Pylon	
Voltage-2: 48.13V	Current-2: -0.1A	Battery Pack 2 SOC: 11%	
Cell voltage 2-1 Warning: 0	Cell voltage 2-2 Warning: 0	Cell voltage 2-3 Warning: 0	
Cell voltage 2-4 Warning: 0	Cell voltage 2-5 Warning: 0	Cell voltage 2-6 Warning: 0	
Cell voltage 2-7 Warning: 0	Cell voltage 2-8 Warning: 0	Cell voltage 2-9 Warning: 0	
Cell voltage 2-10 Warning: 0	Cell voltage 2-11 Warning: 0	Cell voltage 2-12 Warning: 0	
Cell voltage 2-13 Warning: 0	Cell voltage 2-14 Warning: 0	Cell voltage 2-15 Warning: 0	
BMS Temperature Warning-Battery Pack 2: 0	Temperature Point 1 Warning-Battery Pack 2: 0	Temperature Point 2 Warning-Battery Pack 2: 0	
Temperature Point 3 Warning-Battery Pack 2: 0	Temperature Point 4 Warning-Battery Pack 2: 0	Temperature Point 4 Warning-Battery Pack 2: 0	
Battery Pack 2 Charge current Warning: 0	Battery Pack 2 Module voltage Warning: 0	Battery Pack 2 Discharge current Warning: 0	
Battery Pack 2 Remain Capacity: 8.14AH	Battery Pack 2 Module Total Capacity: 74AH		

In the historical data window, a line chart of some basic data of the battery at any date should be represented.



Aller y raule 2 minuter value
Epport         Diurnal pattern, Oloce         Parameter         < 2020-11-10
V A
40 0.8
30
20
10 02

# 2. Authorization

Authorization is a function of specifying access rights/privileges to resources, which is related to information security or computer security in general and to access control in particular. After authorization, the business unit can obtain the information provided by the producer and the user can customize the information available for sharing at the same time.

Authorization can only be managed on laptop.

a. Before start

Before starting the authorization operation, users should check the authorization settings through "plant settings" button.

Switch Plant Create Plant	Total Production No Data	Total Grid Feed-in No Data	Running Days		CO <sub>2</sub> Prevention No Data
All Devices Offline	24h Curve		< 2020-11-26 🖱	Data Overview	Today This Month
Add a Logger Overview					
Device Authorization		No Data			No Data
Alerts Plant detail		<i>U</i> BLB			10 500
Plant Settings					* 8.9 <sub>K/s</sub> 41 <sub>×</sub>

Then view "Plant Authorization Restrictions", if the restriction is turned off, click "Revise" to change it.



Plant Settings	×
Calculation of Electric Energy All Calculations	Revise
Data Source Intelligent Selection	Revise
Plant Authorization Restrictions The restriction is turned off	Revise

Choose "Turn on the restriction", and "Save it".

Plant Settings

Х

### **Plant Authorization Restrictions**

The restriction is turned off

С	) Turn on the restriction After turnning on the authorization restriction, if the merchant wants to view the data and operation of the plant, you need to authorize the plant.
	) Turn off the restriction After turnning off the authorization restriction, if the merchant wants to view the data and operation of the plant, they only need to send you an authorization application, and the system will default to you agree to the external authorization of the plant.
	Cancel

Now, the authorization function could be used.



#### b. Definitions:

- View subsystem/sub-device: Check the subsystems or sub-devices (usually batteries and loggers) working under the system.

- View power plant alarm: Check the alarm records issued by the power station.

- View about power plant: View basic information about the power plant, including photos displayed by the business units.

- View system layout: Users can check the physical layout and electrical layout of the system.

c. Authorize procedures:

Users need to search for the business unit information first, and then authorize to the business unit, the business unit can see the user registration information after authorization. After the authorization is successful, the user can also cancel the authorization, and multiple businesses can be authorized.

Select "Authorization" in the menu bar of the page and click "Add incidence relation".

SOLARMAN Smart	My Plant      Signation	🗘 English 🗸 🌗	SolarMAN1605063005
Create Plant	Authorized Business Units	Ad	d incidence relation
Normal Shanghai Pyton Peterbolges Experiment Platform			
🖶 Add a Logger	No Data		
📷 Overview	110 6100		
E Device			
Authorization			
Alerts			
🖿 Plant detail			
Plant Settings			
💼 Delete			

Enter business unit name and search.



Plant Authorization		×
0	2 3	
	Please enter business name or key word first: Pyforitedh Startch	

Click the authorized user and the "confirm" button will be lighted.

Plant Authorization			х
1		2	
	Pylontech		
		Back Confirm	1 record(s)

The user can be assigned as a new role.

Plant Authorization	×
1 2 3	
Assign a role	
When you authorize a plant to a business unit, please assign the role first. Notice: The business unit will only be able to check the content or operate the functions you have set. You are going to authorize other plants to the business unit. The business unit will continue to play the same role.	
Ordinary members can check the production of ata, detailed information, alter information	
Back Confirm	

The authorized business units can be viewed now.



SOLARMAN Smart	My Plant 88 Function			û English ∨	SolarMAN1605063005
Create Plant	Authorized Business Units				Add incidence relation
	Business Name	Audionization into (2)	Last modified time +	Operation	
Al Devices Office	Pylontech	Admin	2020-11-13 10:30:10	Switch Undo	>
Add a Logger					
af Overview					
Authorization     Alerts					
<ul> <li>Plant detail</li> </ul>					
Plant Settings					
💼 Delete				1 record(s) < 1	> 10 / page v

# 3. For Mobile Operation

Mobile device could also be used as a way for terminal users to monitor batteries(Suitable for Android and IOS).

a. Download 'SOLARMAN Smart' APP from App Store.



Open the application and finish the registration. Similar to laptop portal, it has two methods to register.



	Register
E-mail	
E-mail	
E-mail	
Verification Code	
Verification C	Code Send
Password	
Password	$\odot$
Password at least	t 6 bits
	Done

b. Create a new power plant.

My Plants		+
	No power plants	
	Add Now	
Message		
Plant	;	Me

Click "No" and "Create Now" respectively.



- Notice
Dear owners, do you have an installer to do O&M in the later stage? Yes No
If your plant has no installer to do O&M in the later stage, please click "Create Now".
Create Now
Create Now
 Create Now
Create Now

Select or enter the power plant address, then click "Next".



Type in power plant information to complete the plant creation.



- Plant Info	
Basic Info	
Plant Name	Name your plant
Time Zone	(UTC+08:00) Beijing,Chongqing,Hong > Kong,Urumqi
System Info	
Plant Type	Residential Rooftop
System Type	Please select >
Installed Capacity(kWp)	Please enter
Operating Date (i)	2020-11-13 >
Yield Info	
Currency	CNY >
Unit Price(CNY/ kWh)	Please enter (Optional)
Total Cost(CNY)	Please enter (Optional)

Click "Go to Add" to add a logger for the plant.

Created
Created
Continue the following steps
🚢 Add a logger Go to Add
Logger can collect the data of related devices in the plant,upload to platform for data analysis
If you don't know the device information for a while, this step can be skipped and you can then operate in the power station details.Skip

c. Add a logger. Enter or scan the SN of the device.



$\leftarrow$	Add a logger	
	enter the logger SN belongs to th ulate plant data according to the	
SN P	lease enter device SN	8





The serial number is located on the back of the box



Select "Go to Configure" to start the setting.



$\leftarrow$		ssociated vice				
Manua	l-selection					
associa	adding the device, ated devices first. C added to your plan	Only the selected device				
0 item	Ad	ded				
Batt SN	Logger SN4033804302 has been added. Normal usage requires networking configuration.					
COM Upda	Notice: If you sel can go to "Plant I page to configure	nfo"-"Device Info"				
Conr	d to Go to Configure					
Loaded						
	Do	one				

d. Connect to the Wi-Fi network.

$\leftarrow$	SN:403380	04302					
Pleas	e enter Wi-Fi passw	vord					
5G free	5G frequency band is not supported. Please connect to 2.4G frequency band.						
(((*	AP_4033804302	Switch Network					
-	No password required						



Click "Connect" to switch the network to the device Wi-Fi network.



÷	Device Config	guration		
	• Go to WLAN Settin the following netwo			I
	Android	• 0		1
	AP_4033804302	-	<b>?</b> ()	1
Ľ	IGEN-5G	ê 🕈 🗿		1
Ple	IGEN-HILINK	ê 🕈 🛈		ne
	password to conne You can find the pa device enclosure. Connected.			l
	Connec	ot		I
	Cance	I		I

Device enter the status of configuration.



Please shorten the distance between the device, router and phone.







When finishing the configuration, wait for 3-10 minutes, the logger could be online.



e. View the battery information.



Open the battery window, the battery information can be viewed now.

	← Pylon te <sup>Updated 9</sup>			••••
	Real Time	Statistics	Device	Alert
	Logger	Battery SN:00403311:	2143	Online
(	Battery		Loaded	



	Battery	
vice Parameters	Statistics	Architect
Basic Information		
Connected Device S 004033112143	SN:	
Battery pack		
No. of Battery Pack	ra ha	
Battery Pack 1		
Battery Pack 1 Connected Device \$ 000000000000000000000000000000000000	Sn: Name:	ack 1 Device
Battery Pack 1 Brar Pylon	nd: Voltage-1 48.64V	:
Current-1: -0.10A	Battery P 15.00%	ack 1 SOC:
Cell voltage 1-1 Wa 0	rning: Cell volta 0	ge 1-2 Warnii
Cell voltage 1-3 Wa 0	rning: Cell volta 0	ge 1-4 Warnii
Cell voltage 1-5 Wa 0	rning: Cell volta 0	ge 1-6 Warnii
Cell voltage 1-7 Wa 0	rning: Cell volta 0	ge 1-8 Warnii
Cell voltage 1-9 Wa 0	rning: Cell volta Warning: 0	ge 1-10
Cell voltage 1-11 Warning: 0	Cell volta Warning: 0	ge 1-12
Cell voltage 1-13 Warning:	Cell volta Warning:	ge 1-14
0 Cell voltage 1-15 Warning:	0 BMS Terr Warning-	nperature Battery Pack
0 Temperature Point		ture Point 2
Warning-Battery Pa 0	ck 1: Warning- 0	Battery Pack
Temperature Point Warning-Battery Pa 0		ture Point 4 Battery Pack
Temperature Point Warning-Battery Pa 0		ack 1 Charge /arning:
Battery Pack 1 Moo voltage Warning:		ack 1 Discha /arning:
0	0	
Battery Pack 1 Rem Capacity: 11.08AH	nain Battery P Total Cap	ack 1 Module acity:



## 4. Maintenance

a) Download battery logs

### Method 1:

1. Go to the main window of the portal, click "Device" on the left, then choose "Battery", select the battery you want to view.

SOLARMAN Smart	🚖 My Plant 🔡 Fund	tion			🔲 User Manual 🧳 🥬	English > 🛛 💮 小麦用户162
Create Plant	Inverter Logger	Meter Battery				
2	Device Name	Device Status	Parent Device	Parent Device Status	Updated Time \$	Operation
Invices Partially Office	Battery PPTCH02101506034	Offline	Logger 3501350052	Offline	2021-10-09 14:24:17	Check Mor
- STREET, W	Battery 2021072300000001	Offline	Logger 3501350052	Offline	2021-08-17 15:47:18	Check More
ngreg	Battery 1212367896325861	Online	Logger 4041229349	Online	2021-10-27 10:41:06	Check More
dd a Logger	Battery 004033632472	Online	Logger 4033632472	Online	2021-10-27 10:37:55	Check Mon
rerview	Battery 004010713599	Offline	Logger 4010713599	Offline	2021-06-24 15:55:59	Check More
	Battery 003501350052	Offline	Logger 3501350052	Offline	2021-07-23 11:04:01	Check More
evice						
uthorization						

2. Drag the scroll wheel to the bottom of the page.

https://home.solarmanpv.com/pi × +		G	- 0
→ C	levice	Q <sub>2</sub>	। २ 🛧 🤳
应用 附 Gmail 🛃 地图			III 阅i
ttery1212367896325861			
Device Data Architecture			
Basic Information			~
Connected Device SN: 1212367896325861	Brand: Pylon	Device Name: Force_H1	
Series Number of Battery Module: 4	Series Number of Battery Cell: 60	No. of Parallel Battery Pack: 0	
Battery pack			~
Battery Pack Voltage: 195.9V	Battery Pack Current: 0A	Battery Pack SOC: 24%	
Battery Pack SOH: 100%	Cycle Times: 61	Battery Power: 0W	
State			~
Battery Basic Info: Idle	Relay Status: OFF		
Battery module			~
Voltage Value-Module 0: 49.22V	Voltage Value-Module 1: 49.12V	Voltage Value-Module 2: 49.13V	
Voltage Value-Module 3: 48.49V	Temperature Value-Module 0: 22°C	Temperature Value-Module 1: 22.2°C	
	0 🗄 📀 👩 🗖 😭 🔊	🦲 20°C \land 📥 🖟 📼 🕸 英	11:04 AM



3. You can choose the date and length of the logs, then click the "Export" to download the data. Note that you can download the logs up to one month.



The history data will be like this:

• I X	√ <i>f</i> x Battery						
А	В	С	D	E	F	G	
Device Name	SN	Parent Device	Device SN	Updated Time	Brand	Series Number of Batte	
Battery	1212367896325861	Logger	4041229349	2021/10/27 10:25:53	Pylon	4	Force_H
Battery	1212367896325861	Logger	4041229349	2021/10/27 10:30:57	Pylon	4	Force_H:
Battery	1212367896325861	Logger	4041229349	2021/10/27 10:36:01	Pylon	4	Force_H:
Battery	1212367896325861	Logger	4041229349	2021/10/27 10:41:06	Pylon	4	Force_H:
Battery	1212367896325861	Logger	4041229349	2021/10/27 10:46:12	Pylon	4	Force_H
Battery	1212367896325861	Logger	4041229349	2021/10/27 10:51:15	Pylon	4	Force_H:
Battery	1212367896325861	Logger	4041229349	2021/10/27 10:56:19	Pylon	4	Force_H
Battery	1212367896325861	Logger	4041229349	2021/10/27 11:01:24	Pylon	4	Force_H:
Battery	1212367896325861	Logger	4041229349	2021/10/27 11:06:27	Pylon	4	Force_H
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### Method 2:

1. Click "Export" on the left of the main window.



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Create Plant	Plant Data         Device Data			
fforgraneg	Data Type           Detailed Data         Daily Statistics         Monthly Statistics         Yearly Statistics			
<ul> <li>Add a Logger</li> <li>Overview</li> <li>Layout</li> </ul>	Please select time period			
<ul> <li>Device</li> <li>Authorization</li> <li>Alerts</li> </ul>	System is going to export the data. (Max. time span: 30 Days) Export Now			
<ul> <li>Plant detail</li> <li>Export</li> <li>Plant Settings</li> </ul>				
<ul> <li>Delete</li> <li>P Type here to a</li> </ul>	search O 🛱 💽 🧿 🔚 😭 🌗	20℃ 多云 ^	📥 🌈 📼 🗘 El	NG 1:24 PM NG 10/27/2021

2. Select "Device Data", choose the battery that you want to download logs, select the data type you want and choose the time period you required.

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Add a Logger Overview	2021072300000001 Battery	PPTCH02101506034 Battery					
	Data Type						
	Detailed Data	Daily Statistics	Monthly Statistics	Yearly Statistics			
Alerts							
	Please select time per	iod					
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Plant Settings							

3. Click "Export Now" to download the logs.



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🖄 Alerts	2021-10-20 ~	2021-10-27						
🕞 Plant detail	2021-10-20 ~	2021-10-27						
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## b) Battery firmware upgrade

If you meet the problem that should be solved by firmware upgrade, please contact <u>service@pylontech.com.cn</u> and provide the serial number of your Wi-Fi logger. Pylontech will help you do an online firmware upgrade.