

# SUNSYNK CONNECT

Data Logger



## USER MANUAL

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v.12 (09/07/24)

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#### **INSTALLATION**

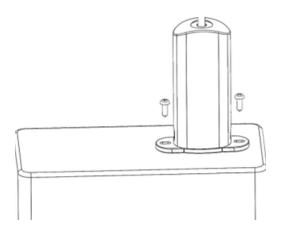
#### **Data Logger Installation**

1 Insert the Data Logger into the DB9 interface of the inverter, as shown in the following figure.





2 Insert the two screws that come with the Data Logger trough the holes, and then tighten them with a Phillips screwdriver, as shown in the figure below.

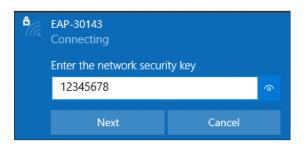


#### **Connecting To Wi-Fi**

To connect the data logger to the Wi-Fi you need to go to the Wi-Fi setting on your device and search for it. You will see an available connection with the SSID 'EAP-\*\*\*\*' ('\*\*\*\*' are the last 5 digits of the serial number on the data logger).

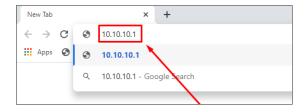


Select the correct connection and then enter the password 12345678.



2

Once you have connected to the EAP connection, you need to connect it to your own Wi-Fi. To do this, open the Internet browser and search the IP address 10.10.10.1.



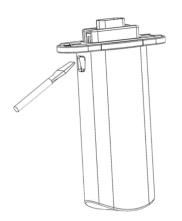
**3** Once connected, click 'Scan' to search the Wi-Fi List and you should then see your Wi-Fi connection.

Wlan Connection		Wi-Fi 🗸
Wi-Fi SSID:	MERCURY_FC82	
Connection Status:	Connect Fail	
Using the following	static IP address	
Address:	0.0.0.0	
Netmask:	0.0.0.0	
Gateway:	0.0.0.0	
		Save
Wi-Fi AP list		Scan
EAP-30073		(
Home WiFI		(î,
Gough New Mesh		(î
Gough New Mesh		ئى ئ
		6
Gough New Mesh		~

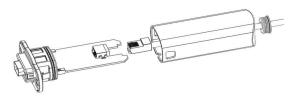
- 4 Select your Internet / Wi-Fi connection, enter your password, and click 'Connect'.
- **5** Once your data logger is connected to your Wi-Fi, you can then disconnect from the data loggers EAP connection and connect back to your usual Wi-Fi connection.

#### **Network Cable**

Use a flat-blade screwdriver to press the buckles on the left and right sides of the shell, as shown in the following figure. Then extract the DB9 interface part manually.



Pass the network cable through its specific hole at the bottom of the shell. Then, insert the RJ45 plug into the RJ45 socket, and place the sealing plug with the hole on the network cable, as shown in the figure below.





#### ACCOUNT MANAGEMENT

#### Registration

1 Visit https://sunsynk.net in your browser to access the web version of the management tool. Click on 'Sign Up' on the Login page to proceed to the Registration page.

Log into your accou	ınt
Please enter your e-mail	?~
Please enter your password	<u></u>
Login	
Sign Up	Forgot Passwor

2 Enter a valid email address to receive a verification code. Complete the registration form by setting a password, checking the user agreement box to confirm agreement, and then click 'Agree and Register'.

Register	
Please input your E-mail	
Verification Code Get Code	
Enter 6 to 16-digits password 🕲	
Please re-enter password	
I have read and agreed to the Terms & Privacy Policy 《User Agreement》	
Agree and register	
Already have an account? <u>Login</u>	

#### **Requesting User Level Access Change**

If you are an installer who has registered on the Sunsynk Connect platform, you may initially have a basic user account with limited permissions. To request elevated user access for parameter changes, remote inverter upgrades, and other functions, please visit https://www.sunsynk.org/remote-monitoring and complete the form provided.



#### **Forgot Password**

**1** On the Login page, click 'Forgot Password' located at the lower right corner to proceed to the Reset Password page.

Log into your accou	nt
Please enter your e-mail	<b>1</b> ~
Please enter your password	<u></u>
Login	
Sign Up	Forgot Password

2 Enter your registered email address to receive a verification code. Enter the code, choose a new password, and click 'Confirm' to finalize the password reset.

Reset Password	
Please input your E-mail	
Verification Code	Get Code
Enter 6 to 16-digits password	۲
Please re-enter password	Ø
Confirm	
Back <u>Login Page</u>	



### **Creating a Plant**

- 1 Navigate to the menu and click on 'My Plant', then select 'Plant List'.
- 2 To initiate a new plant setup, click on 'Create a Plant' located in the right of the page.

	«				B Application Center English	n ↓ <u>&amp;</u> Virtual User (99+)
	Plant Status Statistics			Inverter Status Statistics		
Plant List		Norm			Normal	Offline
🗌 Equipment 🗸 🗸	17	14	4 2	19	17	2
🖗 Intelligent 🗸 🗸		Warn 1	ing Fault O		Warning O	Fault
🕑 Operation Data 🛛 🗸					-	-
	Plant List ∽ Plant Map ∧					Create Plant
	All  V Plant Name	Q				
	Status Plant	Power(kW) - Efficiency	Today(kWh)	Total(kWh)	Last update	More
	Virtual power station	0.0 0.0%	0	0	8 days ago	
	Virtual power station	0.0 0.0%	0	0	3 minutes ago	
	Virtual power station	0.5 0.0%	11.9	213.8	3 minutes ago	
	Virtual power station	6.1 55.3%	21.1	1823.8	a few seconds ago	
	Virtual power station	1.5 33.2%	8.8	737.9	4 minutes ago	
	Virtual power station	1.8 22.5%	6.5	6226.4	a minute ago	
V240625	Virtual power station	0.0 0.9%	0	1053.8	a few seconds ago	、

**3** Enter the Serial Number (SN) and KEY from the Data Logger label, then click 'Next'.

Plant List / Create Plant			
Create Plant			
Add Device	Plant Info.	Revenue Info.	Contacts
	* SN Please input * Key Please input	Cancel Next	MS 01 WHEV BYAY

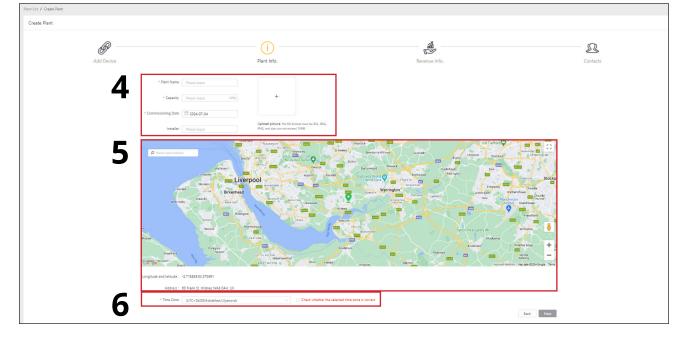


Specify the total capacity in the 'Capacity' field and choose the appropriate 'Plant Type'. Note that different types of plants will display different information on the page. To ensure accurate plant statistics, complete all required fields accurately.

4

5 Enter the installation address of the plant in the address input box on the map to pinpoint the exact location, or use the map to select the correct installation site.

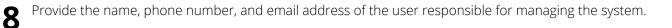
6 Verify and adjust the plant's time zone if necessary. Click 'Next' to proceed.



Select your currency, specify the total investment, and choose your preferred Valuation Method. **Note:** The Live Price option is currently available only for UK customers.

Plant List / Create Plant			
Create Plant			
Ø			
Add Device	Plant Info. * Currency s Total Investment Please input * Valuation Method Constant Price	S Time of use price Live Price O	Contacts
	Please input	5/kWh Back Next	





Plant List / Create Plant			
Create Plant			
Add Device	Plant Info.	Revenue Info.	Contacts
	* Manager Please input		
	* Phone Please input		
	E-mail Please input		
		Back Complete	

#### Adding a Device

- 1 In the menu, first click 'My Plant', then 'Plant List'.
- 2 Select the plant that need to add equipment from the 'Plant List'.
- **3** Click the 'More (...)' button and Select 'Add Gateway'.

		«								8 Application	Center Englis	h √ <u>&amp;</u> Virtu	ual User 🤒
	~	Plant Status St	atistics					Inverte	r Status Statistics				Î
Plant List	~		17		Norm 15		Offline 1		19	Nor 1		Offline 2	
🖗 Intelligent	~				Warni 1	ng	Fault O			Wari	5	Fault O	
🕐 Operation Data 🔹 🔨	~												
		Plant List ∽	Plant Map <u>^</u>									Create Pla	ant
		All V	Plant Name	Q									
		Status	Plant	Power(k	W) - Efficiency	Today(kWh)		То	otal(kWh)	Last update		Me	ore
		8	Virtual power station	0.0	0.0%	0		0		4 days ago			
		0	Virtual power station	0.0	0.0%	0		0		a minute ago		Add Gateway	Г
		0	Virtual power station	0.3	0.0%	4.8		1	70.1	a few seconds age	,	Edit Disassociate	
			Virtual power station	1.2	10.6%	20.8		1	719.4	2 minutes ago			

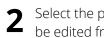
**4** Input the serial number SN and key of the Data Logger to be connected, then click 'Confirm'.

	«			$\frac{1}{100}$ Application Center English $\lor$	<u>&amp;</u> Virtual User
🚯 My Plants 🔷 🔨	Plant Status Statistics		Inverter Status Statistics		
Plant List		Normal		Normal	Offline
🗌 Equipment 🛛 🗡	17	Add Gateway	× 19	17	2
$\odot$ Intelligent $\checkmark$		* SN Please input		Warning O	Fault O
🍈 Operation Data 🛛 👻		* Key Please input		Ŭ	Ű
	Plant List ∽ Plant Map ^	Cancel	Confirm		Create Plant
	All V Plant Name O				
	Status Plant Power	KW) - Efficiency Today(kWh)	Total(kWh)	Last update	More
	Virtual power station 0.0	0.0% 0	0	4 days ago	



#### **Editing a Plant**

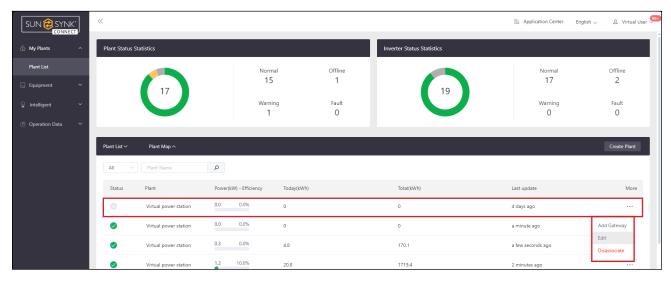
In the menu, first click 'My 1 Plant', then 'Plant List'.



Select the plant that need to be edited from the 'Plant List'.



Click the 'More (...)' button and select 'Edit'.





Review and make edits to any previously entered information as needed.

		Edit							
		Plant Info.	* Diant Name	Virtual power station					
		Revenue Info.			alife-te-				
		Contacts	* Capacity			Mit Brought			
			* Commissioning Date	2023-03-07	Lipiosi	picture The file format must be	105 1055		
			Installer	sunsynk	PNG, and	I size can not exceed 10MB			
			Ga Geldi Setunog Paran Ingel Aut Medietare Paralo Japar HAGLEO Withing Reserve Coole Longitude and latitude :	dress Kalkopruit Ga-Ma	ige Gengatane Setotolwane	Kpothwane Makgofe Biood River SSSHEQ-8 SSSHEQ-8	Doo		
			Address :	FH62+27 Matola, Tanzania					
			Time Zone	(UTC+02:00) Harare,Pretoria					
					Back	Save			
Edit				Edit	t				
Plant Info.					Plant Info.				
Revenue Info.	* Currency	R	~		Revenue Info.	* Manager	₽		
Contacts	Total Investment	150000	R		Contacts	* Phone	Please input		
	* Valuation Method	Constant Price      Time	of use price 🛛 Li	ive Price 💿		E-mail	Please input		
		3	R/kWh Back	Save				Back	Save



#### Disassociate a Plant

1 In the menu, first click 'My Plant', then 'Plant List'.

<sup>'My</sup> 2

Select the plant that need to be disassociated from the 'Plant List'.

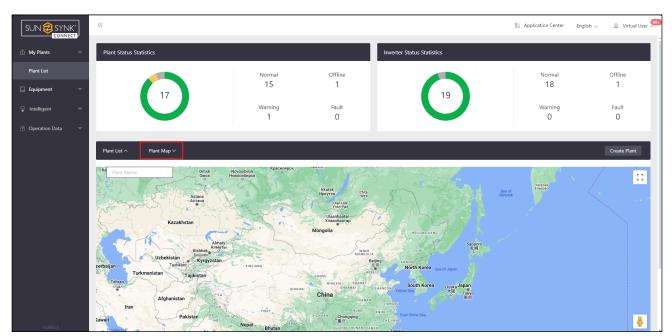
Click the 'More (...)' button and Select 'Disassociate'.

3

	«			😤 Application Center Englis	h 🗸 🧕 Virtual User 🧐
	Plant Status Statistics		Inverter Status Statistics		
Plant List □ Equipment ~ ♀ Intelligent ~	17	Normal 15 Warning 1	Offline 1 Fault 0	Normal 18 Warning 0	Offline 1 Fault 0
🌝 Operation Data 🛛 👻	Plant List 🗸 🛛 Plant Map A				Create Plant
	All V Plant Name	Power(kW) - Efficiency Today(kWh)	Total(kWh)	Last update	More
	Virtual power station	0.0 0.0% 0	0	4 days ago	
	Virtual power station	0.0 0.0% 0	0	8 minutes ago	Add Gateway
	Virtual power station	0.3 0.0% 5.1	170.4	8 minutes ago	Edit Disassociate
	Virtual power station	1.3 12.2% 22	1720.6	6 minutes ago	

#### **Plant Map**

1 In the menu, first click 'My Plant', then 'Plant List'. 2 Click 'Plant Map'. A map with the listed plants will be displayed.



#### **Inverter Statistics**

1 In the menu, first click 'My Plant', then 'Plant List'. 2 Use the < or > icons to view detailed information about any abnormalities in the inverters over the last hour, as shown in the following figure.

	«	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	요 Virtual User 🥮
	Plant Status Statistics Inverter Status Statistics		
Plant List	Normal Offline 15 1	Normal 18	Offline
🔲 Equipment 🗸 🗸	17		>
Intelligent      ·	Warning Fault 1 0	Warning O	Fault 0
哆 Operation Data 🏾 🎽			
	Plant List ∨ Plant Map ∧		Create Plant
	All V Plant Name D		
	Status Plant Power(kW) - Efficiency Today(kWh) Total(kWh)	Last update	More
	Virtual power station 0.0 0.0% 0 0	4 days ago	

#### **Plant Overview**

1 In the menu, first click 'My Plant', then 'Plant List'. 2 Select plant list 'Plant List' and click the corresponding plant name to enter the plant Overview page.

	«			B Application Center Er	nglish 🗸 🙎 Virtual User 🥮
	Plant Status Statistics		Inverter Status Statistics		
Plant List		Normal 15	Offline	Normal 18	Offline 1
☐ Equipment ✓	17	Warning	Fault	Warning	Fault
Operation Data		1	0	0	0
	Plant List ∨ Plant Map ∧				Create Plant
	All V Plant Name	Q			
	Status Plant	Power(kW) - Efficiency Today(kWh)	Total(kWh)	Last update	More
	Virtual power station	0.5 9.5% 3.4	4265.9	5 minutes ago	
	Virtual power station	4.5 37.7% 22.9	13551.1	4 minutes ago	
	Virtual power station	0.4 5.6% 9.8	5679.4	a minute ago	



**3** On the Plant Overview page, you can monitor the plant's status, weather conditions, energy flow diagram inverter status, recent abacter likes are gram, inverter status, recent abnormalities, power generation charts, and other relevant information (as illustrated on the next page).

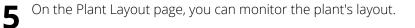
»				8 Application Cente	er English ~ 요 Virtual User
Overview Equipment Layout Event Intelligent Device Plant List / Overview					
Current Status				Weather Info.	P
2.3kW Power Current Status	DAY 05 22.9 Today(kWh)	<b>07</b> 143.7 Month(kWh)		- Clear sky	16.5°C ∞ 07:08 17:37
ස්ථි Capacity කිරී 45.8R Today Revenue	<b>24</b> (5323.3 Year(kWh)	TOTAL Total(kWh)		Plant Info.	0
Power Flow		59W 59W 2136W	Detail	Name: Capacity: Commissioning Date: Installer: Phone: E-maik Time Zone: Address:	Virtual pover station 12XVp 2023-097 sunynk   UTC+020 F+402+27 Matola, Tanzania
Status 1 0 0 0 Normal Offline Warning Fault	Generation Purpose	Consumption Export Charging	15kWh 0.2kWh 13.2kWh	Abnormal Statistics	0 Pault
Energy Generation   Day Month Year Total  (0)  (0)  1,000  0  3,000				<u></u>	< 2024-07-05 C > (%) (%) 100 00 40 20
-6,000 00:00 00:20 00:45 01:05 01:25 01:45 02:05 02:25 02:45 03:10 03:30 03:50 04:10 04	30 04:50 05:10 05:35 05:55 06:15 06:35 06:55 07:15	07:35 08:00 08:20 08:40 09:00 09:20 09:40 10:	00 10:25 10:45 11:05 11:25	11:45 12:05 12:25 12:50 13:10 13:30	0 13:50 14:10 14:30 14:50 15:15
	- PV - Battery -	► SOC - ← Load - ← Grid			



4 Click on 'Equipment' within the Overview page to access detailed information about all equipment installed in the plant. Here, you can view operational data charts, perform remote upgrades, adjust parameter settings, and manage other operations.

<b>@</b> »		B	8 Application Center English ~ 요 Virtual User 🥯
Overview Equipment Layout Event Intelligent Device			
Plant List / Equipment			
Inverter Weather Station Smart Switch Battery	Output Input Battery Grid Load	Custom	
All Normal Warning Fault Offline			
2301141239	<ul> <li>✓ 24.8</li> <li>Todav(kWh)</li> </ul>	145.6 6351 Ionth(kWh) Year(kWh)	15538.2 Total(kWh)
Alias 23011412			
SW Ver. M 2005-1124 / S 18-07 / C 1001-E031	I-ac-L1	I-ac-L2	I-ac-L3
Gateway 🥏 E470122C9	1J 0.0A	0.3A	2.0A
Rate Power 12.0	W V-ac-L1 237.4V	V-ac-L2 245.6V	V-ac-L3 246.0V
Plant Name Virtual power stat	P-ac-L1 -44W	P-ac-L2 42W	P-ac-L3 529W
	P-ac 527W	F 49.8Hz	
	527W	49.0HZ	
	Current Voltage Frequency		< 2024-07-05 ≛ >
	(A)		
		- Apple Alland	Allen Julia
		35 0616 0658 0739 0821 0902 0943 1025 11.06 11.48 ♣ I-ac-1 ♣ I-ac-2 ♣ I-ac-3	12:29 13:11 13:52 14:33 15:15 15:56
	Day Month Year Total		< 2024-07-05 [**] →
	(W) 5,000		
	4,000	533 0616 0658 0739 0821 0902 0943 1025 1106 1148	1228 1311 1352 1433 1515 1556
		P-inv	







Navigate to the 'Event' menu on the Plant Overview page to switch to the Event page. Here you can view the current plants abnormal information.

2	>>										8 Application Center	English 🗸	요 Virtual User 🥮
۵	Overview	Equipment	Layout	Event	Intelligent Device								
	Plant List / Ev	rent											
<b>©</b>	Event												
Ċ	Inverter	<ul><li>✓ All</li></ul>	~ I	2024-06-29	- 2024-07-05	Please input St	Q I						
	Туре	SN				Time				Description			
								No Data					
	0 Warnin	ng 🌒 Fault											< 1 >

#### On the Plant Intelligent device...

6

₽	>>					88 Application Center	English $\sim$	요 Virtual User 🥮
ŵ	Overview	Equipment	Layout	Event	Intelligent Device			Î
	Equipment							
Ŷ								
G								



#### **Gateway Management**

In the menu, click 'Equipment', then 'Gateway' to enter the Gateway List page.

2 In the Gateway List page, click on the 'SN' of a gateway to view the detailed information of the Data Logger.

	«					S Application Cente	· English - 요 Virtual User 9
My Plants ✓     ✓	Status Statistics						
Equipment ^							
Gateway	$\checkmark$	Normal 18			Offline 1	ja 1	All 19
Inverter				Ŭ		witt.tet/	
Smart Switch Battery							
Event	Gateway						
♀ Intelligent ∽	Ali V Ali V	Please input gateway SN Please	input inverter SN P	lease input plant name	D Search D Advanced		
ල Operation Data 🗸 🗸	Status SN	Кеу Туре	Signal	Data Int(s)	Plant Customer	Company SW Ver.	Last seen online ti me
	E47012265098	QRY*****NPV Wi-Fi	al	300	Virtual power st	4790122C26R	2023-02-02 09: •••
	E47W23626287	7 56J****SNM Wi-Fi	al	300	Virtual power st	4790123328R	2024-07-05 07: ••••
	E47W23527052	2 4BJ****DR6 Wi-Fi	all	300	Virtual power st	4790123328R	2024-07-04 18: •••
	E47W23505515	5 M6D****AQY Wi-Fi	al	300	Virtual power st	4790123328R	2024-07-04 18:
	E47W23505503	B QNC****CXW Wi-Fi	al	300	Virtual power st	4790123328R	2024-07-04 18: •••
	E47W23632984	4 FN6*****DDJ Wi-Fi	al	300	Virtual power st	4790123B24R	2024-07-04 18:
V240525	E470122C0111	1005*****\/Vbi 146 E:	al.	200	Vistual nouver et	47001238248	2024 07 04 19:
I JOIN 🛃 JIINN I 👘	«				Normal SN: E47W23626287		×
CONNECT					Basic Info		
Equipment ^	$\checkmark$	Normal 18		((°	basic into		
Gateway							
Inverter	Gateway		_				
Smart Switch		Please input gateway SN Please	input inverter SN	ease input plant name			
Battery				ease input plant name			
Event	Status SN	Кеу Туре	Signal	Data Int(s)	E47W23626287 SN	56J*****SNM	Virtual power station Plant
© Intelligent ✓	E47012265098	QRY****NPV Wi-Fi		300		Key 4790123328R	AEW2-0005-03
修 Operation Data マ	E47W23626287	7 56J****SNM Wi-Fi	al	300	Customer Magpie	SW Ver. EESW-D205	HW Ver. 12345678
	E47W23527052	2 4BJ*****DR6 Wi-Fi		300	Product Name 154.114.16.28:4435	Model 2024-07-05 07:13:29	Password 🔘
	E47W23505515	M6D*****AQY Wi-Fi	al	300	Latest login IP	Latest login time	

If you need to remove the gateway from a power station, you need to unbind the gateway from the plant where it is located. The specific operation is as follows:

- 1. Select the gateway to be unbound on the Gateway List page.
- 2. Click the more button '(...)' and select 'Unbind' in the popup menu.
- 3. Follow the prompts to complete the unbind operation, as shown in the following figure.



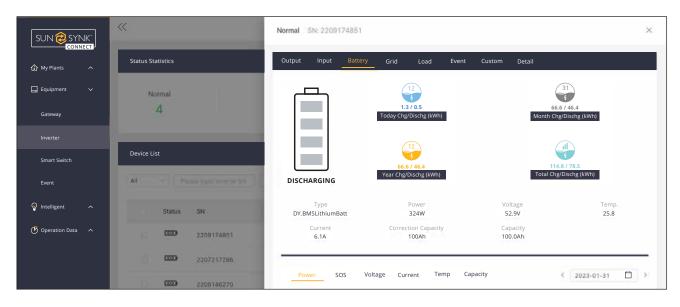
	<	<									8	8 Application Center	English $\lor$	ይ Virtual User 🧐
My Plants					Normal			((() ()	Offline				All	
🗌 Equipment 🛛 ^				Ÿ	18			0	1			- <u>-</u>	19	
Gateway	Ŀ													
Inverter		Gateway	,											
Smart Switch		All	~	All V Plea	ise input gateway SN	Please inpu	t inverter SN Plea	ase input plant name	₽ Search ₽	Advanced				
Battery														
			Status	SN	Key	Туре	Signal	Data Int(s)	Plant	Customer	Company	SW Ver.	Last seen online ti me	More
🖗 Intelligent 🗸 🗸				E47012265098	QRY****NPV	Wi-Fi	all	300	Virtual power st			4790122C26R	2023-02-02 09:	
🕑 Operation Data 🛛 👻			0	E47W23626287	56J*****SNM	Wi-Fi	all	300	Virtual power st			4790123328R	2024-07-05 07:	
			0	E47W23527052	4BJ*****DR6	Wi-Fi	al	300	Virtual power st			4790123328R	2024-07-0. Unb	ind
			0	E47W23505515	M6D****AQY	Wi-Fi	al	300	Virtual power st			4790123328R	2024-07-04 18:	

#### **Inverter Management**

1 In the menu, click 'Equipment', then 'Inverter' to enter the Inverter List page.

**2** In the Inverter List page, click on the SN of an inverter to view the detailed information and operational data of the inverter.

SUN <b>R</b> SYNK <sup>®</sup>	«			88	Application Center	English ~ &	Virtual User 🧐
🏠 My Plants 🛛 🗸	Status Statistics						
Equipment ^	Normal	Warning	Fault		Offline		All
Gateway	18	0	0		1		19
Inverter							
Smart Switch	Device List						
Battery	All  V  Please ing	out inverter SN Please input gateway	SN Please input plant name	₽ Search	₽ Advanced		
Event							
🗑 Intelligent 🗸 🗸	Status SN	Device Alias	Power(W) Today(kWh)	Version	Gateway	Plant Name	More
🕑 Operation Data 🛛 🗸	2312	146143 2312146143	0 0	6.0.2.6	E47W23626287	Virtual power s	
	2312	258363 2312258363	331 11.1	6.0.2.5	E47W23527052	Virtual power s	
	2205	206207 2205206207	220 45.2	2202	E470402505502	Vistual a succe o	







**3** Click on the plant name to enter the plant of the inverter.

	VK <sup>®</sup> NECT	«						Application Center	English ~ 요	Virtual User
🚯 My Plants	~	Status Statisti	cs							
🗌 Equipment	^	Norma	I	Warning		Fault		Offline		All
Gateway		18		0		0		1		19
Inverter										
Smart Switch		Device List								
Battery Event		All ~	Please input inverter SI	N Please input gateway	SN Please	input plant name	₽ Search	${\cal P}$ Advanced		
😨 Intelligent	~	Stat	us SN	Device Alias	Power(W)	Today(kWh)	Version	Gateway	Plant Name	More
🕑 Operation Data	~		2312146143	2312146143	0	0	6.0.2.6	E47W23626287	Virtual power s	
			2312258363	2312258363	331	11.1	6.0.2.5	E47W23527052	Virtual power s	
			2305206307	2305206307	328	15.2	3.3.8.2	E47W23505503	Virtual power s	
			2305208499	2305208499	177	13.5	3.3.8.2	E47W23505515	Virtual power s	

2	»			8 Application Center	English 🗸 🔒 Virtual User 🥮
ŵ	Overview Equipment Layout Event Intelligent Device				î
	Plant List / Overview				
8	Current Status			Weather Info.	Ø
G	2.3kW Power Current Status	047 22.9 05 Today(kWh)	Monthi 07 Month(KWh)	-Ċ- clear sky	16.5°C
	Capacity Today Revenue	24 6323.3 Vear(kWh)	TOTAL TOTAL Total(KVh)	Plant Info.	0
	Power Flow		ŧ	Detail	the second se
				Name:	Virtual power station
	2275W		59W	Capacity:	12kWp
				Commissioning Date : Installer :	2023-03-07 sunsynk
	4		¥	Phone:	
	7			E-mail:	
		accessor/		Time Zone:	UTC+02:00
	99% 7W		2136W	Address:	FH62+27 Matola, Tanzania



19 Sunsynk Connect | User Manual

Click the 'More (...)' button to set an alias for the device, adjust inverter settings/parameters, or delete a device, as illustrated in the figure below.

SUN 😂 SYNK"	«			R Application Center	English ~ 요 Virtual User <sup>99</sup>
🚯 My Plants 🛛 🗸 🗸	Status Statistics				
🛛 Equipment 🛛 ^	Normal	Warning	Fault	Offline	All
Gateway	18	0	0	1	19
Inverter					
Smart Switch	Device List				
Battery Event	All  V Please input inverter SN	Please input gateway SN	Please input plant name	P Search P Advanced	
🖗 Intelligent 🗸 🗸	Status SN	Device Alias Powe	r(W) Today(kWh)	Version Gateway	Plant Name More
🕑 Operation Data 🛛 🗸	2312146143	2312146143 0	0	6.0.2.6 E47W23626287	Virtual power s
	2312258363	2312258363 0	11.5	6.0.2.5 E47W23527052	Virtual pi Set Alias
	2305206307	2305206307 0	15.4	3.3.8.2 E47W23505503	Settings Virtual p
V240625	2305208499	2305208499 0	13.6	3.3.8.2 E47W23505515	Virtual percer sur

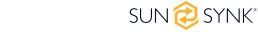
#### **Change Inverter Settings**

4

 In the menu, click 'Equipment', then 'Inverter' to enter the Inverter List page. 2 In the Inverter List click More '(...)', then select the Inverter you wish to edit the settings, and click 'Settings'.

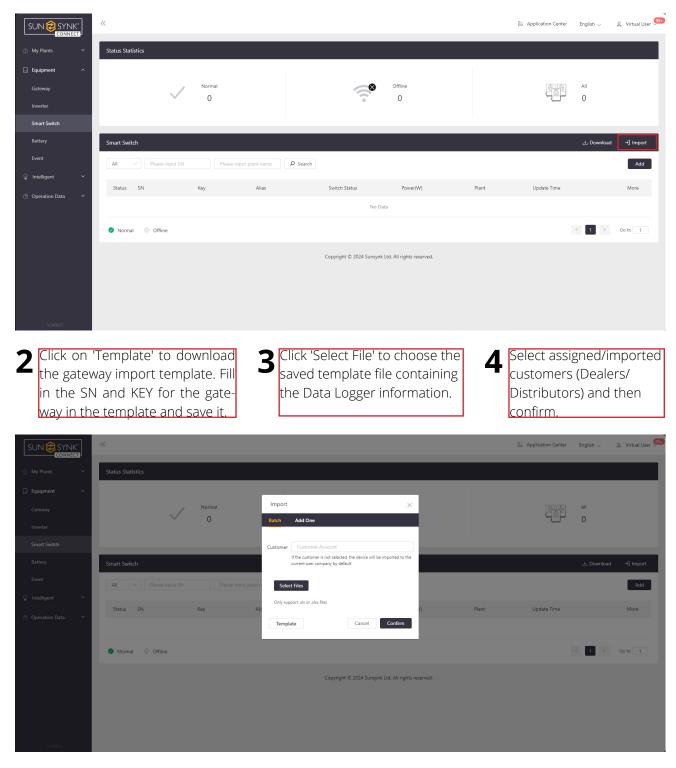
You will then have access to the settings for that inverter such as Battery Setting, System Mode, Grid Setting, Auxiliary Load, Basic Setting, Advanced Setting.

	«			88 Applic	cation Center English ~ 요 Virtual User 🥮			
💮 My Plants 🛛 👻	Setting(2312146143)							
Equipment ^								
Gateway	0	Ð	青	0	\$			
Inverter	Battery Settings	System Mode	Grid Settings	Auxiliary Load	Basic Settings			
Smart Switch	Ц†							
Battery	Advanced Settings							
😨 Intelligent 🗸 👻								
⑤ Operation Data <								
	Copyright © 2024 Sunsynk Ltd. All rights reserved.							



#### **Smart Switch**

1 In the menu, click 'Equipment', then 'Smart Switch' to enter the Smart Switch page and click the 'Import' button.





#### **Battery Management**

1 In the menu, click 'Equipment', then 'Battery' to enter the Battery List page.

2 On the Battery List page, click on the serial number (SN) of a battery to view its detailed information and operational data.

	«				B Application Center	English ~ 요 Virtual User 🧐 •		
∰ My Plants ✓	Status Statistics							
🗌 Equipment 🛛 ^	Normal	Warning	Fault	Protect	Offline	All		
Gateway	0	0	0	0	0	0		
Inverter								
Smart Switch	Battery list							
Battery								
Event	All V Please enter b	Attery seria Please input gateway SN	Please input plant name $ ho$ Search	P Advanced				
$\[Delta]$ Intelligent $\[Delta]$	Status	SN Power(W)	Current(A) Voltage(V)	SOC(%) Version	Gateway Plant Nam	e More		
Operation Data     Y			No [	Data				
	🥏 Normal 🕕 Warning 🌒 Pro	tect 🏮 Fault 💿 Offline 🌘 Upgrading				< 1 > Go to 1		

#### **Event**

In the menu, click 'Equipment', then 'Event' to enter the Event List page.

2 In the Event List page, click on the SN of an inverter to view the detailed information of the event and recent operational data.

			🖁 Application Centre	English 🗸 🤷 🧟 Virtu	al User ∨
	Event				
🔲 Equipment 🗸 🗸	Fault V 📋 2023 - 01 - 25	- 2023 - 01 - 31 Please input pl	ant name Please input SN	D Search	
Gateway	Type SN	Time	Description	Plant	
Inverter	• 2208146270	2023-01-31 08:04:58	33 - AC_OverCurr_Fault	Virtual power station	
Smart Switch	• 2208146270	2023-01-29 04:25:08	18 - HW_Ac_OverCurr_Fault	Virtual power station	
Event	<ul> <li>Info.</li> <li>Warning</li> <li>Fault</li> </ul>				< 1 →
💡 Intelligent 🔨					
🕑 Operation Data \land		Copyright 🕸 2023 Su	nsynk Ltd. All rights reserved.		



SUN 💫 SYNK"	«	• Fault				×	
د My Plants	Event	Profile					
🖵 Equipment 🗸 🗸	Fault 2023-01-27 -	Plant: Virtual Power Station					
Gateway	Type SN	SN:		Model:	Installer: Virt	ual User	
Inverter	• 2208146270	E-mail:		Phone:	Phone:		
Smart Switch	<ul> <li>Info.</li> <li>Warning</li> <li>Fault</li> </ul>	_					
		Event Info.					
💡 Intelligent 🔨		Time:		Code:			
🕑 Operation Data \land		Description:					
		Recent Operation Data					
		Time	MCU/14	COMM/17	ChargeVolt(V)/210	DischargeVol	
		Time	MCU/14	COMM/17	ChargeVolt(V)/210	DischargeVol	
		Time	MCU/14	COMM/17	ChargeVolt(V)/210	DischargeVol	
		Time	MCU/14	COMM/17	ChargeVolt(V)/210	DischargeVol	
		Time	MCU/14	COMM/17	ChargeVolt(V)/210	DischargeVol	



#### INTELLIGENT

In the menu, click 'Intelligent', then 'Intelligent' to enter the Intelligent List page.

	«	8 Application Center	English $\lor$	A Virtual User
	Intelligent			New Rule
🛛 Equipment 🗸 🗸				
♀ Intelligent へ				
Intelligent				
🕑 Operation Data 🛛 💙				

**2** In the Intelligent page, click on the 'New Rule' botton to add a new rule.

		Add Rules	×
💮 My Plants 🗸 🗸	Intelligent	* Rule Name	
🗌 Equipment 🛛 🗸		Please input	
$^{\odot}$ Intelligent $^{\sim}$		* Plant Please select	
哆 Operation Data 🛛 💙		Rules Settings	
		SOC     >     >     0     %     Select     *     + Add Settings	
		+ Add Rules	
		Enable	
		Cancel Conf	irm

#### **OPERATIONAL DATA**

1 In the menu, click 'Operation Data' in the menu to enter the Operation Date page.

2 Enter the inverter's serial number (SN) and select the date range to view operational data.

If you need to download the data to your local device, click the 'Download' button to save it as a file in the ".xlsx" format.

	«					🗄 App	lication Center English $\vee$	요 Virtual User 🤒
💮 My Plants 🗸 🗸	Operation Data							
🗌 Equipment 🛛 🗸	Inverter V	2024-07-08	Please input SN P				E	.↓ Download
© Intelligent ∽	Time	Pac(W)	Today(kWh)	Total(kWh)	Temp(*C)	Fac(Hz)	Vac1(V)	Vac
🕑 Operation Data 🛛 ^								
Operation Data				-				< 1 >
				Copyright © 2024 Sunsynk	Ltd. All rights reserved.			
				,				
V240625								

#### **APPLICATION CENTER**

1 In the top right corner, click on 'Application Center' to access 'Intelligent Lighting' by Philips or 'Customer Support' by Sunsynk.

Ð	»	B Application Center	English 🗸	요 Virtual User 99+
ŵ	ې Intelligent Lighting			
□ ⊗	Philips			
ঙ	Access			
				_
	رخ Customer Support Customer Support			_
	SUN 🔁 SYNK			
	Enter			
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