

LuxPower APP

User Manual



Version: UM-AM01

Issue On: 2024-1-17

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Contents

Revision History	1
Overview	2
LuxPower App Introduction	3
Login	4
Register	4
Dongle Connect	5
01 WiFi Dongle	5
02 4G/2G Dongle	5
03 Wlan Dongle	5
Account Information Query	6
Edit	6
Modify Password	7
Logout	7
Delete Account	8
Run Information Query	9
Station Information Query	9
APP Interface Introduction	13
Overview Page	13
Data Page	14
Event Page	15
Setting Page	16
Other Functions	17

Revision History

Version	Updated Date	Description
UM-AM01	2024-01-17	First official release

Overview

Introduction

This document describes how to use the Lux Power App.

Readers

This document is intended for:

Professional installation and maintenance service providers

Feedback

If you have any questions or comments,

Please send us an email at: info@luxpowertek.com

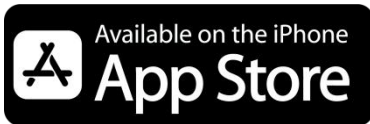
LuxPower App Introduction

The LuxPower App enables remote control of your Lux system for anytime, anywhere. You can customize energy-saving strategies for your household and benefit from our special features to enhance your daily life.

NOTE:

Local, physical settings take precedence over app settings. Remote operation via the mobile application is not a substitute for on-site inspection to confirm circuit safety. Neglecting on-site inspection may result in personal injury or even death.

To download the LuxPower App, visit the [App Store](#) or [Google Play](#):



Login

Register

Open the app you downloaded, click “Register” button, fill in information, kindly noted:

1. Cluster Location: Default to Europe. For better service, Middle East users, please select the European server; Australian users, please choose the Asian server.
2. Choose the correct time zone and daylight saving time (enable as needed).
3. The Customer Code will be provided by the installer or distributor of this device.
4. The Dongle SN and PIN numbers are located on the dongle casing and packaging box. Please fill in the actual numbers accordingly.

The image shows the registration interface of the LU X POWER app. On the left is a login section with fields for Username and Password, a 'Remember username' checkbox, an 'Auto login' checkbox, a 'LOGIN' button, and a 'Forgot password?' link. Below this is a 'REGISTER' button, which is highlighted with a red box. Other buttons include 'DONGLE CONNECT', 'PRODUCT WARRANTY', 'LOCAL CONNECT', and 'DOWNLOAD FIRMWARE'. The version '3.0.3' is at the bottom left. On the right is a registration form with the following fields: Cluster (set to Europe), Username, Password, Repeat password, Real name, E-mail, Tel number, Station name, Daylight saving time (toggle), Continent (set to Asia), Region (set to East Asia), Country (set to China), Timezone (set to GMT +8), Address, and Customer code (Distributor/Installer code). At the bottom of the form are fields for Dongle SN and Dongle PIN, which are highlighted with a red box. A blue arrow points from this box to a photo of the device packaging. The photo shows a black dongle and its white box, both with a label containing the SN: BC33600009 and PIN: Y22J8, also highlighted with a red box.

Dongle Connect

LuxPower offers three types of dongles. Please follow the relevant instructions based on the product you are using:

01 WiFi Dongle

Connect to your home WiFi, ensuring that the dongle is linked to the inverter and connected to the network.

--If there is available home WiFi for dongle connection, ensure the dongle is linked to the inverter and connected to the network to access inverter online data through the LuxPower server.

--If there is no available home WiFi, please refer to the "Local Connection" instructions below.

02 4G/2G Dongle

Insert a valid SIM card and then plug the dongle into the inverter. When all three lights are on, it indicates successful connection, and you can log in to check the inverter's status.

03 Wlan Dongle

Plug in the Ethernet cable into the WLAN dongle and the router with internet access. Once all four lights on the WLAN dongle are illuminated, you can proceed to log in to your account to check the inverter status and data.

Account Information Query

Click on the account icon in the top right corner to access the interface for editing personal information, modifying passwords, logging out, and deleting the user account.

Edit

Click “1” → “2” → “3”

The screenshot displays the LU X POWER TEK user interface. On the left, there's a list of user accounts. The middle section shows the 'Edit' form for a selected user, and the right section shows the 'Update' form. Red boxes and yellow circles with numbers 1, 2, and 3 highlight the account icon, the 'EDIT' button, and the 'UPDATE' button respectively.

Account Name	Create Date	Yield Today	Total Yield	Address
Shawn Station	2023-07-14	0	652.1	
789	2023-07-26	0	2894.8	
qqq	2023-09-13	0	0	

Field	Value
Username	shawou enduser
Real Name	
E-mail	shawou73@163.com
Country	China
Timezone	GMT +8
Tel Number	
Address	
Tech support 1	Tel number: 123
Tech support 2	Whatsapp ID: LXP163

Field	Value
* Username	shawou enduser
* Real Name	
* E-mail	shawou73@163.com
* Continent	Asia
* Region	East Asia
* Country	China
* Timezone	GMT +8
Tel Number	
Address	

Modify Password

Click “1” → “2”

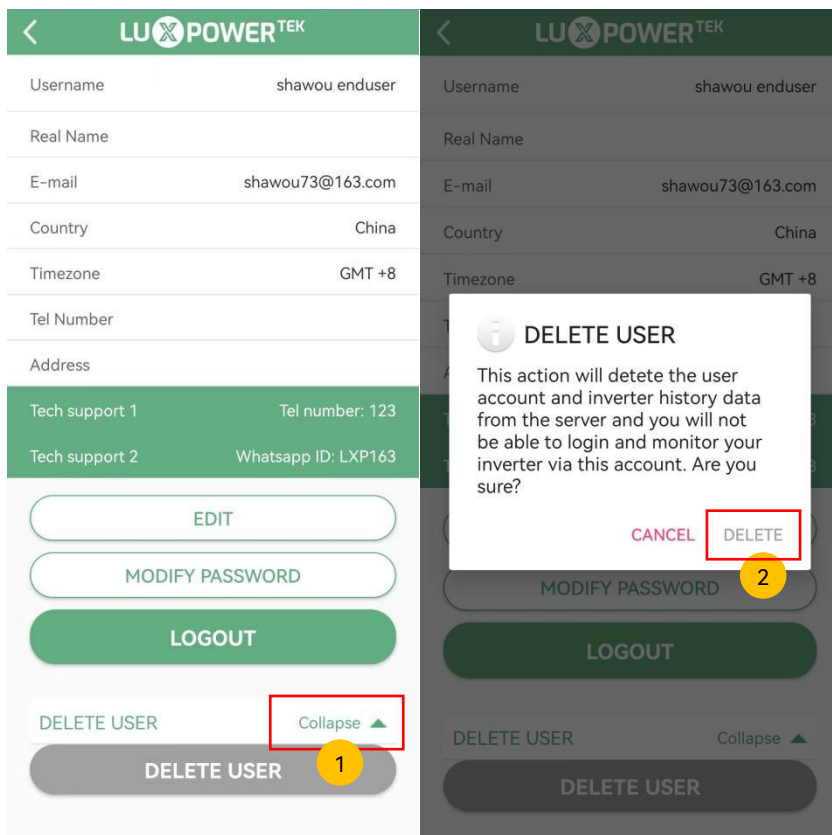
LU X POWER ^{TEK}		LU X POWER ^{TEK}	
Username	shawou enduser	* Old password	
Real Name		* New password	
E-mail	shawou73@163.com	* Repeat password	
Country	China		
Timezone	GMT +8		
Tel Number			
Address			
Tech support 1 Tel number: 123			
Tech support 2 Whatsapp ID: LXP163			
EDIT MODIFY PASSWORD LOGOUT		MODIFY PASSWORD	
DELETE USER Details ▼			

Logout

LU X POWER ^{TEK}	
Username	shawou enduser
Real Name	
E-mail	shawou73@163.com
Country	China
Timezone	GMT +8
Tel Number	
Address	
Tech support 1 Tel number: 123	
Tech support 2 Whatsapp ID: LXP163	
EDIT MODIFY PASSWORD LOGOUT	
DELETE USER Details ▼	

Delete Account

Click “1” → “2”



Run Information Query

Station Information Query

Add Station

Click “1” → “2”

The screenshot shows the LU X POWER TEK mobile application interface. On the left, there is a list of stations. Each station entry includes a circular profile picture, a station name, and details such as 'Create Date', 'Yield Today', 'Total Yield', and 'Address'. Below each entry are 'EDIT' and 'ADD DONGLE' buttons. On the right, there is a form for adding a new station. The form includes fields for 'Station name', 'Continent' (Asia), 'Region' (East Asia), 'Country' (China), 'Timezone' (GMT +8), and a 'Daylight saving time' toggle switch. A large green 'ADD STATION' button is located at the bottom of the form. A red box highlights the '+' icon in the top left corner, labeled with a yellow circle containing the number '1'. Another red box highlights the 'ADD STATION' button, labeled with a yellow circle containing the number '2'.

Station Name	Create Date	Yield Today	Total Yield	Address
Shawn Station	2023-07-14	0	652.1	
789	2023-07-26	0	2894.8	
qqq	2023-09-13	0	0	

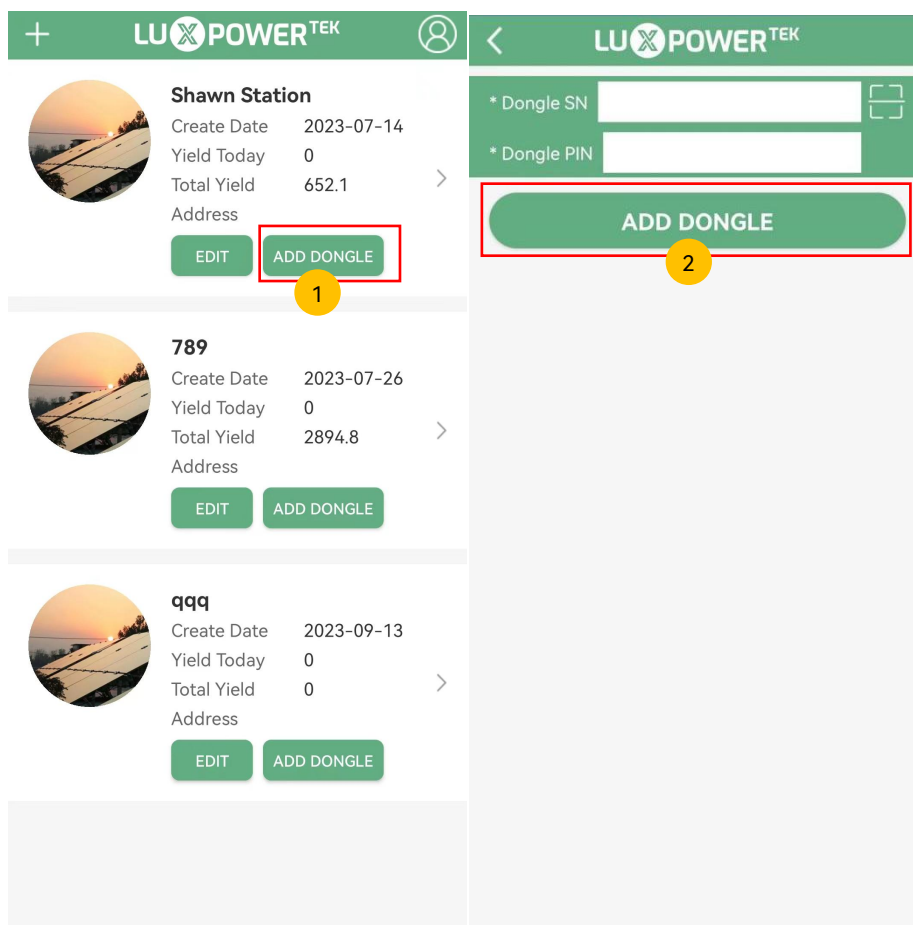
Field	Value
* Station name	
* Continent	Asia
* Region	East Asia
* Country	China
* Timezone	GMT +8
* Daylight saving time	☐

ADD STATION

Add Dongle

Multiple inverters can be linked to each station. As each inverter requires a dedicated dongle for server access, when monitoring multiple inverters within a station, please add the dongle information for each inverter to the station.

Click “1” → “2”



Edit

You can edit the station information on the "Edit" page, such as changing the station name and selecting the region. Please note that the station's time is calculated based on the time zone, so make sure to choose the correct time zone. You can also choose whether to enable daylight saving time(one hour ahead) based on your preferences. After completing the settings, click the "Edit Station" button to save the station information.

Click “1” → “2”

Shawn Station
 Create Date 2023-07-14
 Yield Today 0
 Total Yield 652.1
 Address
EDIT ADD DONGLE

789
 Create Date 2023-07-26
 Yield Today 0
 Total Yield 2894.8
 Address
EDIT ADD DONGLE

qqq
 Create Date 2023-09-13
 Yield Today 0
 Total Yield 0
 Address
EDIT ADD DONGLE

* Station name Shawn Station

* Continent Asia

* Region East Asia

* Country China

* Timezone GMT +8

* Daylight saving time ☐

EDIT STATION

MANAGE DONGLE

REMOVE STATION

Manage Dongle

LU X POWER^{TEK}

* Station name Shawn Station

* Continent Asia

* Region East Asia

* Country China

* Timezone GMT +8

* Daylight saving time ☐

EDIT STATION

MANAGE DONGLE

REMOVE STATION

Shawn Station

Serial number

BA11120659 Online Wi-Fi
 2024-01-17 21:09:46
REFRESH INVERTER REMOVE

BF12300005 Offline Wi-Fi
 2023-07-14 15:21:22
REFRESH INVERTER REMOVE

BA30100099 Offline Wi-Fi
 2023-10-31 21:50:23
REFRESH INVERTER REMOVE

Add Dongle

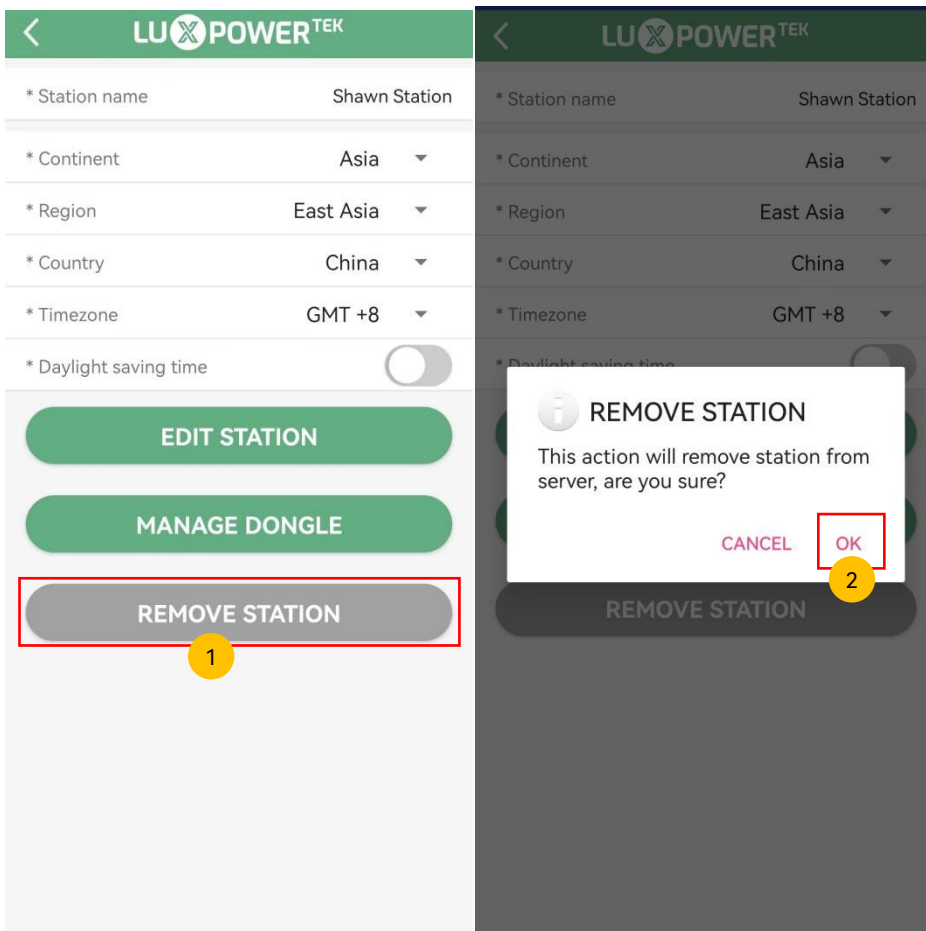
Remove Dongle

Refresh Connection (Click this button if you have updated the time zone and server IP to get the latest information)

Remove Station

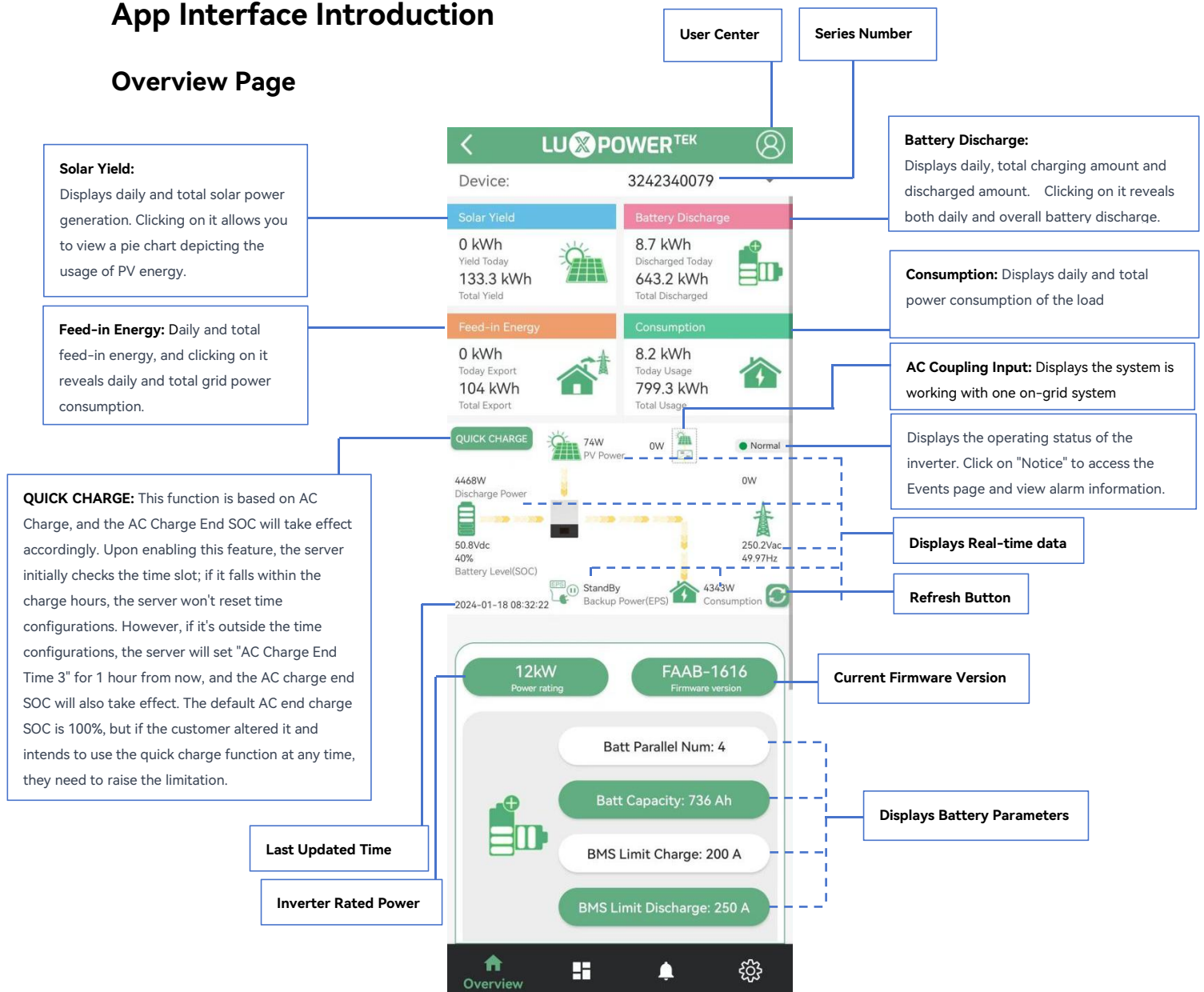
You can click "Remove" to delete the created station. However, before removing the station, please ensure that the station is not currently bound to any dongle.

Click “1” → “2”

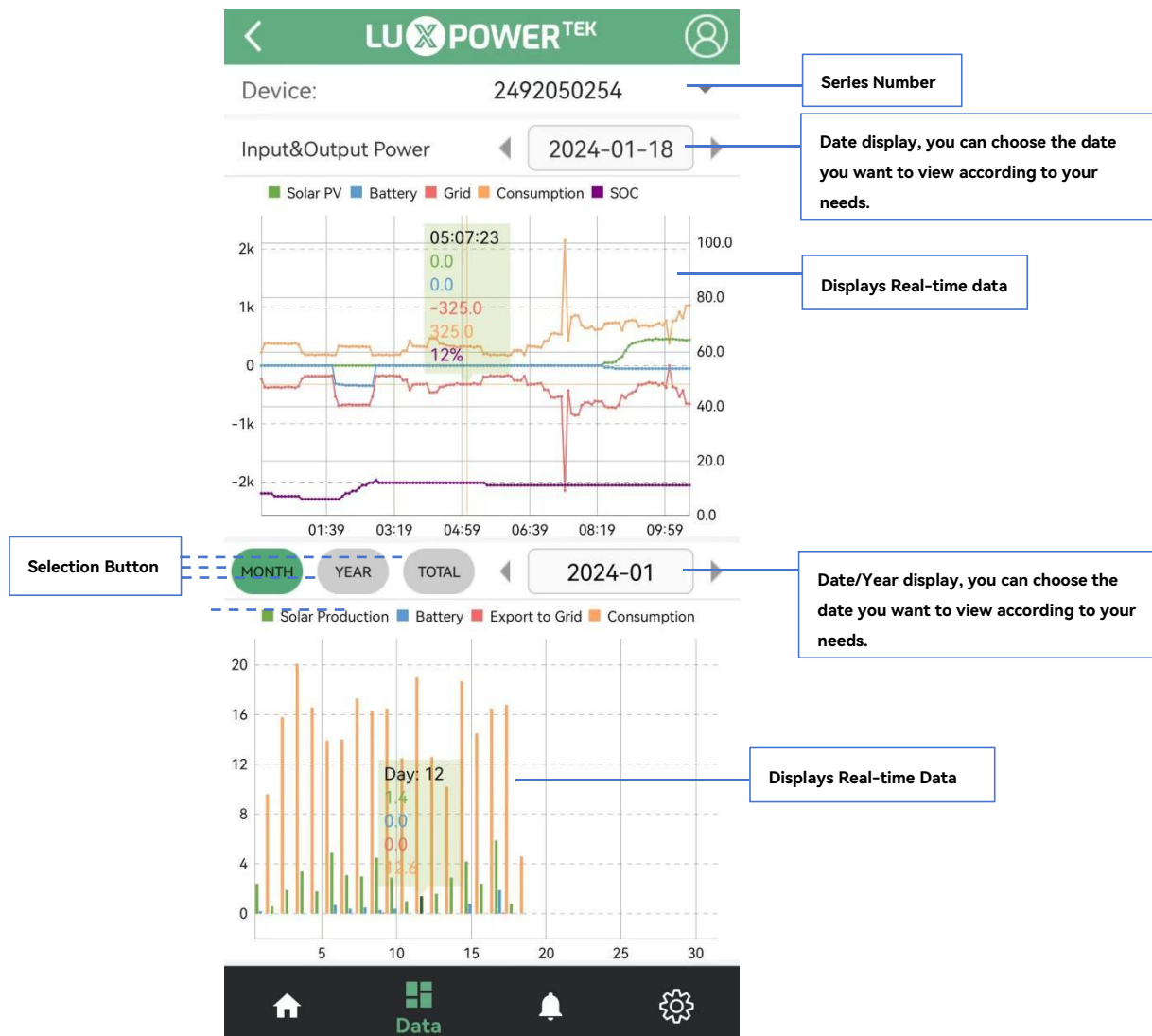


App Interface Introduction

Overview Page



Data Page



Event Page

<
LUXPOWER^{TEK}


Notice for Working status

Fault Notification

Notice: Communication failure with battery

Device: 3062350087

Time: 2023/12/04 14:59:33

Fault: Neutral fault

Device: 3062350087

Time: 2023/12/04 14:36:25

Notice: Battery open

Device: 3062350087

Time: 2023/12/04 14:35:07

Notice: Battery voltage low

Device: 3062350087

Time: 2023/12/04 14:35:07

Notice: Battery status check

Device: 3062350087

Time: 2023/12/04 14:26:59

Notice: No AC Connection

Device: 3032350107

Time: 2024/01/05 15:34:31 - 2024/01/05 15:41:11

Notice: Battery voltage low

Device: 3032350107



 Event


Setting Page

Due to the numerous function settings on this interface, they will not be individually introduced here. Please refer to other setting instructional file for details.

The screenshot displays the 'Setting Page' of the LUXPOWER TEK interface. The page is organized into sections: 'Application Setting', 'Grid Connect Setting', 'Generator Setting', 'Charge Setting', 'Discharge Setting', 'Discharge Setting - Peak Shaving', 'Discharge Setting - Smart Load', 'Discharge Setting - AC Couple', and 'Advanced Setting'. Each section has a 'Details' link. The 'Application Setting' section includes settings for 'Power Backup Enable', 'Grid Frequency(Hz)', 'Standby / Normal', 'Fast Zero Export Enable', 'Grid Sell Back', 'Grid Sell Back Power(kW)', 'System Type', 'Composed Phase', 'Battery Shared', and 'Max. AC Input Power'. The 'Grid Connect Setting' section includes 'Grid Connect Setting'. The 'Generator Setting' section includes 'Generator Setting'. The 'Charge Setting' section includes 'Charge Setting'. The 'Discharge Setting' section includes 'Discharge Setting'. The 'Discharge Setting - Peak Shaving' section includes 'Discharge Setting - Peak Shaving'. The 'Discharge Setting - Smart Load' section includes 'Discharge Setting - Smart Load'. The 'Discharge Setting - AC Couple' section includes 'Discharge Setting - AC Couple'. The 'Advanced Setting' section includes 'Advanced Setting'.

READ ALL.
Before modifying the settings, click "Read all" to retrieve inverter parameters.

Date Display, click it to adjust the date

CT Sample Ratio, Click it to select the CT sample ratio

Working mode: Backup

Select the working Frequency of Grid

Inverter working status

Enable to support joint power supply from solar and the grid while preventing energy flow into the grid.

Set the export power

Choose based on the actual system you have installed.

Is designed for general use, limiting the power export to the grid while reducing reliance on grid.

In a parallel system, if you choose to share a set of batteries, please enable it.

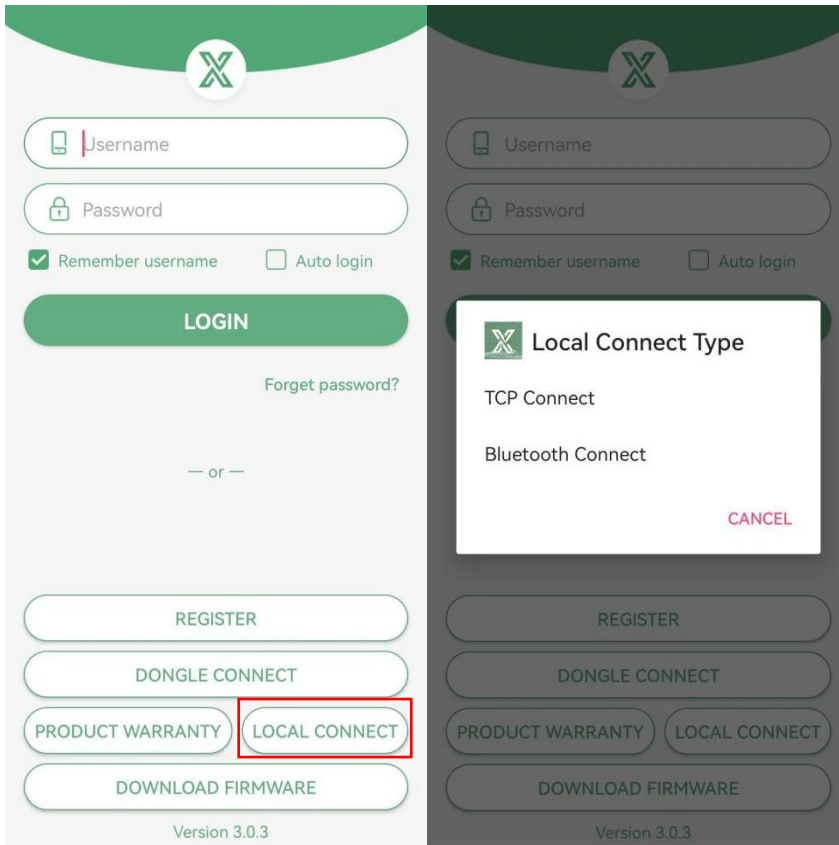
In a parallel system, if you choose to share a set of batteries, please enable it.

Choose according to the actual system configuration. For single-phase parallel operation, each inverter should select the R phase. For three-phase parallel operation, each inverter should be configured to the respective R, S, and T phases. Selection should be based on the actual wiring configuration.

Other Functions

Local Connect: Connect to the Dongle hotspot via your mobile phone and log in to the LOCAL

CONNECT page to access real-time data. Please refer to the Instruction file for LOCAL CONNECT.



Product Warranty: Please review LuxPower's warranty policy terms and conditions.

Username

Password

☒ Remember username ☐ Auto login

LOGIN

Forget password?

— or —

REGISTER

DONGLE CONNECT

PRODUCT WARRANTY LOCAL CONNECT

DOWNLOAD FIRMWARE

Version 3.0.3

Download Firmware: Please refer to the Instruction file for the Firmware Updated.

Username

Password

☒ Remember username ☐ Auto login

LOGIN

Forget password?

— or —

REGISTER

DONGLE CONNECT

PRODUCT WARRANTY LOCAL CONNECT

DOWNLOAD FIRMWARE

Version 3.0.3