

Dyness User Manual

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Security Settings (1) Verify Email: The verified email is used for password	recovery.
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Preface

This document mainly introduces the common operations of the Dyness App. Before setting parameters, please read this manual and the corresponding model's user manual carefully, familiarize yourself with the product's features and characteristics. Incorrect grid parameter settings may result in inability to connect to the grid or failure to connect according to grid requirements, affecting power generation.

The document may be updated irregularly. Please visit the official website to obtain the latest version of the materials and more information about the product.

Applicable Personnel

This document is only applicable to professionals who are familiar with local regulations and standards, have received specialized training, and possess a thorough understanding of the relevant knowledge about this product

App Introduction

The Dyness App is a mobile application software that communicates with energy storage batteries, inverters, and data loggers through Bluetooth and WiFi modules. The common functions include:

Configuring the system based on customer requirements.

Checking firmware versions.

Setting safety standards according to local grid requirements and national/regional regulations.

Configuring power limits.

Monitoring and viewing the performance of the energy storage system.

Complementary Products

The Dyness App is compatible with all Dyness series devices, including energy storage systems, inverters, data loggers, and other related device.

Download and Install the App

Operating Steps

Method 1: Download and Install from the App Store.

For Android users: Search for "Dyness" on the Google Play Store. For iPhone users: Search for "Dyness" on the App Store."

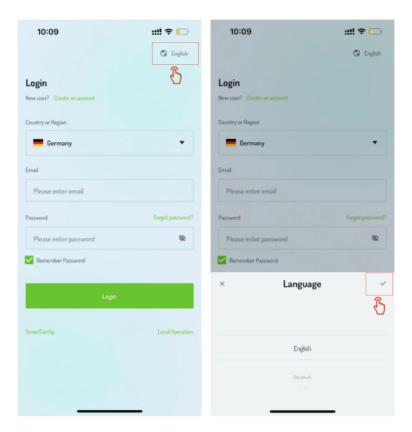


Method 2: Scan the following QR code for download and installation.



Set Language

Set the App language according to your actual needs.



Account Registration

Applicable Users

If you haven't registered an account in the Dyness App, please proceed to registration on the login interface. Note: If you have already registered an account, please log in directly.

Operating Steps

On the Dyness App login interface, select "Create Account." Choose the current "Country or Region." Select the "User Type" for account registration. Click "Next." Follow the prompts on the "Create Account" interface to complete the account registration process.

Homeowner

Select "Homeowner" as the user type.

Proceed to the "Next" interface.

Follow the prompts to input email, verification code, password, and other necessary information. Then click "Create Account."

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← Select User Type	Create an account
Country or Region	Email
Eermany	Please enter email
User Type	Verification Code
() Owner	Enter the verification code Send
O Partner	Password
	Please enter password 🕲
Next Step	Confirm Password
	Please confirm password
	Create an account
	I have read and agree to the Privacy Policy and Terms of Service
	Select User Type Country or Region Germany User Type Owner Partner

Partner

Choose "Partner" as the user type.

Proceed to the "Create Account" interface.

Follow the process to input the account information.

As a partner of Dyness, you can contact the platform's business department to obtain your exclusive invitation code to complete the account registration.

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	🛇 English	← Select Us	er Type	÷	Create an account	
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New user? Create an account		Germany	•	Partner Name		
Country or Realism		User Type		Please enter the p	artner name	
Germany	•	O Owner		Email		
Email		Partner		Please enter emai	il	
Please enter email		٦)	Verification Code		
Password	Forgot password?	Next	Step	Enter the verifical	tion code	
Please enter password	8			Password		
Remember Password				Please enter pass	word	8
Login				Confirm Password		
Cogin				Please confirm pa	issword	ø
SmartConfig	Local Operation			Invitation Code		
				Please enter invita	ation code	
					Ð	
	_				Create an account	

Log In and Log Out

When you download and install the Dyness App on your mobile phone, you can access and manage your devices through the app.

Log in to the App

On the mobile client desktop, tap the App application icon to enter the login interface. Select the country or region, enter the account and login password. Click the **"Log In"** button.

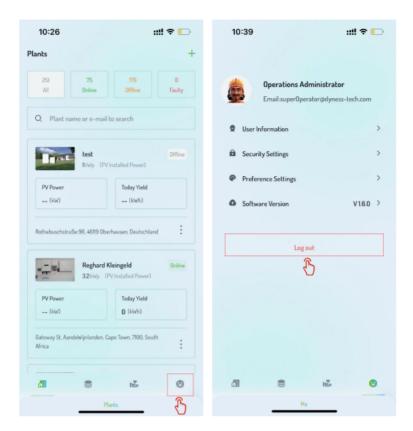
Access the App's power station list.

	S English	Plants	
	Gr English	Flants	
Login New user? Create an account		251 75 All Online	176 0 Offline Faulty
Country or Region		Q Plant name or e-mail	to search
Germany	•		
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Please enter email		PV Power (kw)	Today Yield (kwh)
Password	Forgot password?		
Please enter password	Ø	Rothebuschstraße 96, 46119 Obe	rhausen, Deutschland
Remember Password		Reghard 1 3.2kwp (1	(leingeld Online V Installed Power)
Login		PV Power	Today Yield
SmartConfig	Local Operation	(kW)	0 (kwh)
		Gateway St. AandeWijnlanden, C Africa	ape Town, 7100, South
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For new users logging in for the first time or after resetting the password, you can check 'Remember Password.' Subsequent logins may not require entering the password.

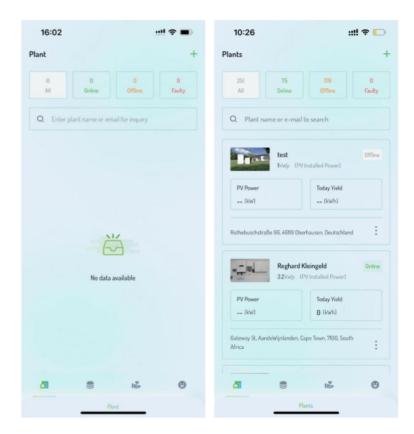
Log out of the App

Tap on the **"My"** tab in the home area. In the **"My"** interface, click on **"Log Out."**



Power Plant List

Upon logging into the app, you will enter the power plant list, where the current interface will display all power plants under your account. Note: For new users, it's normal to have an empty power plant list after the first login.



New Power Plant Creation

To create a new power plant, click on the "+" icon in the top right corner of the list to enter the new power plant creation interface.

Follow the prompts to input the power plant name, address, and type information.

10:26	::!! 🗢 💽	10:53	::!! 🗢 🕞
Plants 2S1 75 All Online Q. Plant name or e-mail to set	178 0 D Offline Faulty earch	< м	lew Plant
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Rothebuschstraße 96, 46119 Oberhau	geld Online Italied Power)	* Plant Type Residential	Industrial and Commercial
PV Power (kW) Gatoway St, AandeWijnlanden, Cape T Africa Plants	Today Yield (ki/kh.) isown, 7100, South isown, 7100, South iso		Next Step

Residential Energy Storage

After entering the power plant information, click "Next" to enter the system information setting interface:

(1) System Information: System type, installed capacity, installation date.

(2) Revenue Information: Currency unit, electricity price type, selling price, total cost, saved standard coal (grams), CO2 reduction (grams), reduced deforestation (trees).(3) After inputting the information, click the "Confirm" button to complete the new power plant creation operation.

10:53 ::!! 🕈 	10:54 ::!! 😤 	10:54 🛛 👥 🕄 🕞
← New Plant	New Plant	← New Plant
	System Info Revenue Info	System Info Revenue Info
	System Type	Fixed Pricing
and the second sec	PV + Grid + Battery + Load 💌	
* Plant Name	* PV Installed Power (kWp)	* Electric Rate
Enter Plant Name	- 1 +	
Plant Address	Installed Date	* Plant Cost
Please select a location	May 10, 2024 💌	
* Plant Type		* Standard Coal Saving (g)
Residential Industrial and Commercial	Next Step	0.3295 ×
Ð	S	 CO₂ Emissions Reduction (g)
Next Step		0.997 ×
		* Reduce Forest Logging
		0.043 ×
		Confirm
		- E

Commercial and Industrial Energy Storage

After entering the power plant information, click "Next" to enter the system information setting interface:

(1) System Information: System type, installed capacity, installation date.

(2) Revenue Information: Currency unit, electricity price type, selling price, total cost, saved standard coal (grams), CO2 reduction (grams), reduced deforestation (trees).

(3) Service Provider Information: Design unit, acceptance unit, distributor, installer.(4) After inputting the information, click the "Confirm" button to complete the new power plant creation operation.

10:55 ::!! 🗢 	10:55 :::! 🕈 💽	10:55 ::!! 🗢 	10:55 #!! 🗢
← New Plant	← New Plant	← New Plant	← New Plant
	System Info Revenue Info Service Provider Info	System Info Revenue Info Service Provider Info	System Info Revenue Info Service Provider Info
	System Type	Fixed Pricing	Design Firm
	PV + Grid + Battery + Load 💌		Enter
* Plant Name	* PV Installed Power (kWp)	* Electric Rate	Acceptance Unit
ту ×	- 1 +		Enter
Plant Address	Installed Date	* Plant Cost	Distributor
Berlin, Germany	May 10, 2024 💌	5 ×	
* Plant Type		* Standard Coal Saving (g)	Installer
Residential Industrial and Commercial	Next Step	0.3295 ×	- · · ·
ß	Ð	* CO ₂ Emissions Reduction (g)	
Next Step		0.997 ×	Confirm
		* Reduce Forest Lagging	\mathfrak{S}
		0.043 ×	
		Next Step	

Edit Power Plant

To edit the basic information of a power plant, you need to access the power plant card by clicking on the ":" icon in the bottom right corner:

(1) Click on the ":" icon on the power plant card.

- (2) Select "Edit."
- (3) Enter the editing interface for the power plant.
- a. Basic Information: Name, location, type.
- b. System Information: System type, installed capacity, installation date.

c. Revenue Information: Currency unit, electricity price type, selling price, total cost,

saved standard coal (grams), CO2 reduction (grams), reduced deforestation (trees).

d. Service Provider Information: Design unit, acceptance unit, distributor, installer.

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Plants	+ Plants		+ ←	New	Plant
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Q Plant name or e-mail to search	Q. Plant name	or e-mail to search			
test	Dffline	test	* Plan	at Name	
IkWp (PV Installed Power)		1kWp (PV Installed Power)	Er	nter Plant Name	
PV Power Today Yield _= (k/w) _= (k/k/h)	PV Power (kw)	Today Yield (kwh)	Plant	Address	
Rothebuschstraße 96. 46119 Oberhausen, Deutschland	Rothebuschstraße 9	6, 46119 Oberhausen, Deutschland	:	ease select a location	>
Reghard Kleingeld 32kWp (PV Installed Power)	N 1923	Reghard Kleingeld Ed		Residential	Industrial and Commercial
PV Power Today Yield (kw) () (kwh)	PV Power	Today D GeWh	de	Nex	t Step
Bateway St, AandeWijnlanden. Cape Town, 7100, South Africa		ijnlanden, Cape Town, 7100, South		\$	5
Arrica	: Africa		·		
	8	€)) ())	0		
Plants		Plants			

Delete Plant

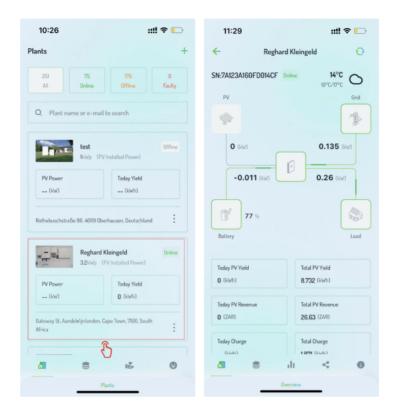
To delete a power plant, you can access the power plant card by clicking on the ":" icon in the bottom right corner:

- (1) Click on the ":" icon on the power plant card.
- (2) Click "Confirm" to delete the power plant.
- (3) Click "Cancel" to cancel the deletion operation of the power plant.

10:26	::!! 🗢 🕒	11:19	::!! 🗢 💽	11:23	::!! 🗢 🗔
Plants	+	Plants	+	Plants	+
251 75 All Online	176 0 Offline Faulty	251 75 All Online	178 0 Offline Faulty	251 75 All Online	
Q Plant name or e-mail to se	earch	Q Plant name or e-mail to	search	O, Plant name or e-n	
test IkWp (PV Instal	Dffline lied Power)	test Ikwp (PV In:	Offline stalled Power)	test 1kwp	
	Today Yield (kwh)	PV Power (kw)	Today Yield (kwh)	PV Power (KW)	Today Yield (kWh)
Rothebuschstraße 96, 46119 Oberhaus	sen, Deutschland	Rothebuschstraße 96, 46119 Oberh	ausen, Deutschland	Rothebuschstraße 96, 46119	Oberhausen, Deutschland
Reghard Klein 32kWp (PV Ins		Reghard Kle 32kWp (PV		Regha	rd Kleingeld Online
	Today Yield O (kw/h)	PV Power (kW)	Today Delete		ete Plant the plant and all its equipment will Are you sure?
Gateway St, AandeWijnlanden, Cape Ti Africa	own, 7100, South	Gateway St. AandeWijnlanden. Cap Africa	e Town, 7100, South		Confirm
	1ž ()		r≊ ©		Ð
Plants		Plan	b		Cancel

Plant Overview

By clicking on a power plant card in the power plant list, you can access the power plant overview page. Here, you can view data, device, station authorization, etc. You can also monitor the overall operation of the power plant, and in case of device failure, you can view alarm messages through the app.



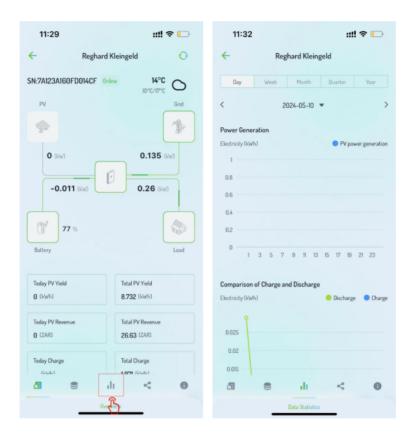
Plant Devices

You can view the devices associated with the current power plant by switching the navigation menu.

11:29 🛛 👥 🕄 🕞	11:31 :::!! 후 🕞
← Reghard Kleingeld ⊖	← Reghard Kleingeld +
SN:7A123A160FD014CF 0nline 14°C 0 10°C/17°C 0 PV Grid	Dyness LV Online Device SN: 10318023A240006-BMS
0 (647) 0.135 (647)	SDC (%)
-0.011 (M) 0.26 (M)	- Inverter Online Inverter SN: 10388023A240006
77 %	Real-time Power Total Yield 0 (k/w) 8.732 (k/w/h)
Battery Load	Today Yield Monthly Yield 0 (kWh) 8.732 (kWh)
Today PV Yield Total PV Yield	
0 (kwh) 8.732 (kwh)	Dongle Online Online Dongle SN: 7A123A160FD014CF
Today PV Revenue Total PV Revenue	ssid Signal Strength
0 (ZAR) 26.63 (ZAR)	54%
Today Charge Total Charge	
1091 (Auls)	
	a 🗧 🗄 < 🛈
Overview	Devices

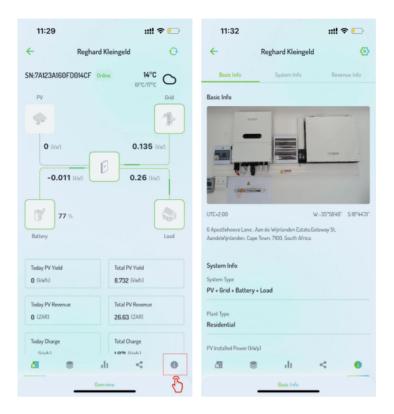
Data Statistics

By switching the navigation menu to access the data statistics interface, you can view various statistical information such as: power generation, charge and discharge comparison, revenue comparison, load consumption, grid power, comprehensive discharge efficiency, discharge achievement rate, etc.



Basic Information

You can view basic information, system information, and revenue information by switching the navigation menu to access the basic information interface.



Authorization Information

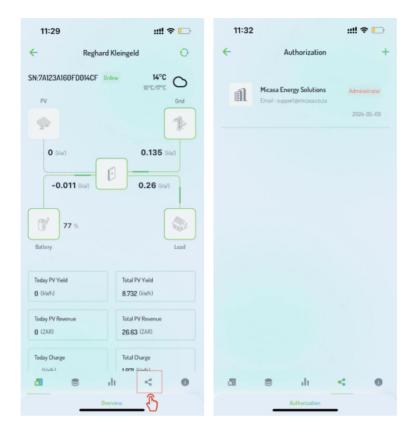
You can access the power plant authorization interface by switching the navigation menu. Here, you can authorize the power plant to other users and also set:

(1) Add Authorization

(2) Authorization Details

(3) Edit Authorization

(4) Revoke Authorization



Add Authorization

Click on the "+" icon.

A search interface will pop up, allowing you to search for users by entering their account/email.

Enter the account information to search for the user list.

Click on the target user to enter the role permission selection interface.

(1) Based on the selected target user, choose the corresponding permissions.

(2) Click the "Save" button to complete the authorization operation.

(3) Click the "Cancel" button to cancel the authorization operation and return to the authorization list interface.

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<	Authorization	+ {}	← Authorization +	← Authorization +	Role Permissions
	Micasa Energy Solutions Email: supportgeneral.co.za	Administrator 2024-05-09	Q. Enter user name or email	Q 商 × Ph的系统集成商 Email _ Affery:Anogefund com Email _ Company of the state of the	Select Balan Permanaires Verwable Can nice detailed information, climm messages, and device details Data nice detailed information, climm messages, and device details Control Can nice and and plants and devices, but cannot define them: Administrator Hag permissions for plants and devices, including the ability to device theory.
а	e di <	0	I The I'm Q W e r t y u i o p a s d f g h j k I ↓ Z X C V b n m 2 123 @ space search ↓ ↓		Save Societ

Authorization Details

By clicking on the target user in the authorization list, you can enter the user's authorization details. Here, you can view the user's account, role permissions, authorizer, authorization time, and you can also edit and revoke the authorization on this current page.

11:32	::!! 🗢 🕞	11:33	::!! 🗢 🕞
Authorization	+	~	Authorization
Micasa Energy Solutions Email : support gmicasa.co.za	Administrator 2024-05-09		
Ð		Mi	casa Energy Solutions
		Email support@micasa.co	220
		Role Permissions Administrator	
		Authorizer	
		Authorization Time 2024-05-09	
			Edit
			Revoke Authorization
	< 0		
Authorization			

Edit Authorization

(1) Click on the user authorization card and swipe left, then click the "Edit" button.(2) Click on the user card information to enter the user authorization details, then click the "Edit" button.

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←	Authorization	+	\	Authorization		← F	ole Permissions
্ব	Micasa Energy Solutions	Administrator				Select Role Permissions	
	Email : support@micasa.co.za	2024-05-09		I		Viewable Can view detailed infor	nation, alarm messages, and device details
	ß		Micas	a Energy Solution	s	for the plant, but canno	t edit or modify parameters
			Email support@micasa.co.za			Control Can view and control pl	ants and devices, but cannot delete them.
			Role Permissions			Administrator	
			Authorizer				plants and devices, including the ability to
						L	
			Authorization Time 2024-05-09				Save
							- Save
				Edit			Cancel
			Re	woke Authorization			
a	e ili	< 0					
	Authorization		_			_	

Cancel Authorization

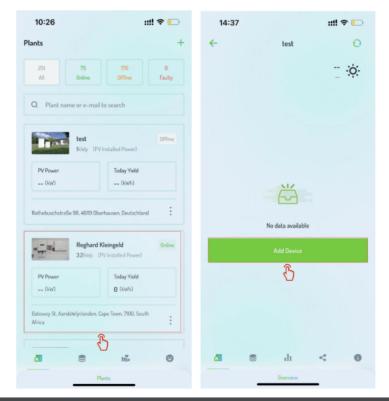
(1) Long press on the user card information, swipe left, then click the "Revoke Authorization" button.

(2) Click on the user card information to enter the user authorization details, then click the "Revoke Authorization" button.

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÷	Authorization	+	÷	Authori	ization	+	÷	Authorization	+
	Micasa Energy Solutions Email : supportgmicas.co.za	Administrator 2024-05-09	/ Solutions amicasa.co.za	Administrator 2024-05-09	Edit	Revoke		Micasa Energy Solutions Email : support genicasa.co.za	
							entities will no	Revoke Authorizati an, the partner(user) and their longer be able to access any o sure you want to revoke? Confirm	authorized
EL.	Authorization	< 0	<u>a</u>	Authori		: 0		Cancel	

Device Information

After adding the power plant, it remains offline due to the absence of connected devices. Click on the power plant card to access the interface for adding devices.



Adding Devices

Click on "Add Device" to enter the device selection interface, then choose the corresponding device type and model.

Adding Methods:

Method 1: Adding via Bluetooth

a. Ensure that your phone is connected to Wi-Fi and that Bluetooth is turned on. b. Bluetooth will automatically scan for nearby devices and display the results. c. Select the device you want to connect to and click on the device "name".

Method 2: Adding via QR Code Scan [This method supports devices with QR codes. If no QR code is available, please choose another method.]

a. Click on "Scan QR Code".

b. Align the device QR code with the focus of your phone's scanner. Results will be displayed in a list.

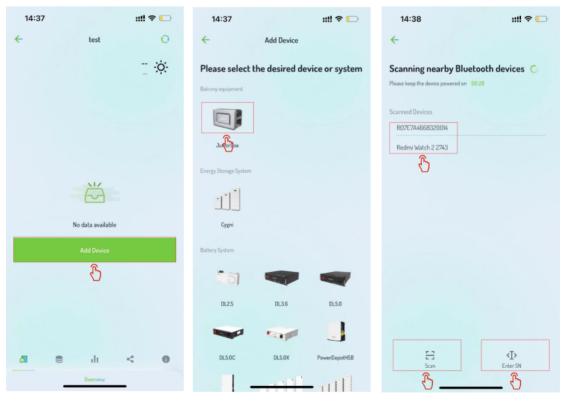
c. Choose the device you want to connect to from the result list and click on the device "name".

Method 3: Adding via SN Input [If only one device needs to be connected at a time, it's recommended to use this method.]

a. Click on "Input SN".

b. Enter the device's SN code.

c. Once the SN code is entered, click "Next".



JuniorBox

- (1) Select "JuniorBox".
- (2) Enter the device's Bluetooth query interface.
- (3) Input the Wi-Fi account and password.
- (4) Click on "Start Networking".
- (5) Wait for the "Networking Result".

Add Device Add Device Image: Comparison of the comparison o	twork
Bikony spupment Please keep the device powered on 10.28 Device SN R0707/M668832004 Sciented Devices Sciented Devices	twork
Sciented Devices	
Redmi Watch 2 27k3 Password	
Exerg Starup Sta	
lõj 🔷 💜	
R2.5 R3.6 D1.50 Cancel	

Tips
Ensure the device is powered on when connecting via Bluetooth.
During Bluetooth connection, the device scans for 30 seconds. If there's a
timeout, please click "Rescan" or switch to another method.
When connecting via QR code scan, the system supports uploading images of
QR codes already taken for device recognition.
Wi-Fi account and password are required for device networking.
If the app has already completed network setup, you can click "Skip Networking"
step.
If the app's network setup differs from the current device's network setup, you
can switch networks.
If network setup is not completed, clicking "Skip Networking" will result in the
device being offline and unable to retrieve data.

Low voltage device (DL、PowerboxPro)

- (1) Select "Low voltage device".
- (2) Enter the device's Bluetooth query interface.
- (3) Input the Wi-Fi account and password.

(4) Click on "Start Networking".

(5) Wait for the "Networking Result".

14:39		::!! 🗢 🕞	14:38	::!! 🗢 🕞	14:38 🕜	::!! 🗢 🕞	14:39 🕇	::!! 🗢 🕞
\	Add Device		÷		÷	test	←	test
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THE DAVE 36/5 D/5 D/3 6/-IP-A Industrial and Commercial DE200Y			C1 San	⊴D Enter 5N				0059 Cancel

Tips

Ensure the device is powered on when connecting via Bluetooth.

During Bluetooth connection, the device scans for 30 seconds. If there's a timeout, please click "Rescan" or switch to another method.

When connecting via QR code scan, the system supports uploading images of QR codes already taken for device recognition.

Wi-Fi account and password are required for device networking.

If the app has already completed network setup, you can click "Skip Networking" step.

If the app's network setup differs from the current device's network setup, you can switch networks.

If network setup is not completed, clicking "Skip Networking" will result in the device being offline and unable to retrieve data.

High voltage device (TowerPro)

- (1) Select "High voltage device".
- (2) Enter the device's Bluetooth query interface.
- (3) Input the Wi-Fi account and password.
- (4) Click on "Start Networking".
- (5) Wait for the "Networking Result".

14:39	::!! 🗢 🕞	14:38 🗰 🕄 🕞	14:38 🕜 🧰 📰 🖘 🕞	14:39 🕇 🛛 📰 🖘 🕞		
← Add De	vice	+	← test	← test		
awary yown CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	PowerDapotit58	Caraning nearby Bluetooth devices C Prace leng the device powered on 00:28 Scanned Devices M2727M66632000H Redriv Watch 2:2M3 Control Devices	Distribution network equipment Distribution network Distribution Distribution <th>Device is connecting to the network</th>	Device is connecting to the network		
DH2D0Y	_	\$\$				
			Fips			
Ensure the device is powered on when connecting via Bluetooth. During Bluetooth connection, the device scans for 30 seconds. If there's a timeout, please click "Rescan" or switch to another method. When connecting via QR code scan, the system supports uploading images of QR codes already taken for device recognition.						

Wi-Fi account and password are required for device networking.

If the app has already completed network setup, you can click "Skip Networking" step.

If the app's network setup differs from the current device's network setup, you can switch networks.

If network setup is not completed, clicking "Skip Networking" will result in the device being offline and unable to retrieve data.

Inverter

- (1) Select "Inverter".
- (2) Enter the device's Bluetooth query interface.
- (3) Input the Wi-Fi account and password.
- (4) Click on "Start Networking".
- (5) Wait for the "Networking Result".

14:39	:	::!! 🗢 🕞	14:38 🗰 🕫 🕞	14:38 🕤 🥵 💷	14:39 - ::!! 🕈 		
Eattery System	Add Device		\	← test	← test		
101			Scanning nearby Bluetooth devices O Please keep the device powered on 0628	Distribution network equipment Device SN R07E7M468832004	Device is connecting to the network		
DL25	DL3.6	0L5.0	Scanned Devices R07E7A4668320014	Select: WiTI network Supports only 240H2 DS1			
DL5.0C	DL5.0X Po	werDepotH58	Redmi Watch 2 2743	Password			
	attil a	at 11					
PowerboxPro	TowerPro	Tower		Start Provisioning			
DYNE 36/5.D/6.070 OL-IP-A				Skip network configuration	00.59		
Industrial and Commerc	tal				Cancel		
DH2DDY			Scan Enter SN				
Tips							
Ensure the device is powered on when connecting via Bluetooth.							
During Bluetooth connection, the device scans for 30 seconds. If there's a							

timeout, please click "Rescan" or switch to another method.

When connecting via QR code scan, the system supports uploading images of QR codes already taken for device recognition.

Wi-Fi account and password are required for device networking.

If the app has already completed network setup, you can click "Skip Networking" step.

If the app's network setup differs from the current device's network setup, you can switch networks.

If network setup is not completed, clicking "Skip Networking" will result in the device being offline and unable to retrieve data.

Commercial and Industrial Energy Storage

- (1) Select "DH200Y".
- (2) Enter the device addition interface.
- (3) Choose Bluetooth scan or input SN.
- (4) After inputting the SN, click "Next".
- (5) Wait for the "Networking Result".

14:39		::!! 🗢 🕞	14:40		15:18	::!! 🗢 👀	14:41	::!! ? 🕞
←	Add Device		÷	Camera	← input		\	input
pattery system					Device SN		Device SN	
D					Please enter the device SN		AO	×
DL2.5	DL3.6	DL5.0			ð			
	-			_	Next Ste			Next Step
	the second s							δ
DL5.0C	DL5.0X	PowerDepotH58						J
	llitte	IIII						
PowerboxPro	TowerPro	Tower						
Inverter								
=								
DYNE 3.6/5.0/6.0/8.0L-1P-A				Ŧ				
Industrial and Commerc	-ial							
			< I>	X				
			R					
n fight		-				2	_	

Shelly Meter/Plug

- (1) Ensure the Shelly meter/plug is properly connected to Wi-Fi.
- (2) Open the Dyness APP, select "Add Third-Party Device" in the plant, choose Shelly from the third-party list, and select the desired Shelly device from the scanned list

19:24		22:12 all all 📚 🖽	22:12 all all 📚 🗇
<	Add Device	÷	\
Please select the Adding Third-Party De Balcony equipment	ne desired device or system	Please select the third-party device you need	Scanning LAN Devices () (Only supports Shelly Plus Plug S V2 and Shelly Pro 3EM) Ensure phone and device are on the same LAN 00:27
JuniorBox		Shelly	Scanned Devices Shelly Plus Plug S V2 R60ZEBSH0007788
	<u>.</u>		Shelly Plus Plug S V2 R60ZEB5H0007788
DYNE 3.6/5.0/6.0/8.0L-IP-A Energy Storage System	D8.0HS/D12.0HS		Shelly Pro 3EM R60ZEB5H0007788
Cygni			Shelly Pro 3EM Re02EBSH0007788
Battery System			

(3) Once the device is successfully connected, you need to associate it with the JuniorBox's collector. After adding the Shelly meter or plug, you can find the added device in the device list.

22:15		"atl "atl 📚 📧
<	Associate Dongle	
Only ba	lcony device collector	s supported
	eter data will count towards system g	
	Dongle R07E7A4668320020	
	Dongle	2.5
, u	R07E7A46680F0003	Online
	Complete	

Device Details

Click on the device information card in the power plant device or device list to enter the device details interface.

DeviceTypes:EnergyStoragedevice,Inverter,DataCollector

10:26	::!! 🗢 💽	11:29	::!! 🗢 🗔	15:38	::!! 후 🕩
Plants	+	← Reghard Kleinge	eld O	← Reghar	d Kleingeld +
251 75 All Online	176 0 Offline Faulty	SN:7A123A160FD014CF Online	14°C 0	Dyness LV Device SN: 103118	Online 023A240006-BM5
Q Plant name or e-mail to	search			SOC (%)	74%
PV Power	Dffline stalled Power)	0 (kw)	0.135 (RW)	Inverter Inverter SN: 1031	0nline 8023A240006
== (kW) Rothebuschstraße 96, 46119 Oberh	== (kWh)	77 %		Real-time Power 0.253 (kw)	Total Yield 8.832 (kwh)
Reghard Kle	ingeld Online	Battery	Load	Today Yield 0.1 (kWh)	Monthly Yield 8.832 (kw/h)
PV Power (kW)	Today Yield (Kwh)	0 (kwh) 8.7	al PV Yield 32 (kwh)	Dongle Dongle SN: 7A123	Online AIGDFDD14CF
Gateway St. AandeWijnlanden. Cap Africa	e Town, 7100, South	0 (ZAR) 26.	al PV Revenue 63 (ZAR)	ssid	Signal Strength
	1ž ©		al Charge 24 Guiles 46 D	a s	di < 0
Plan	ts	0verview	_		levices

Energy Storage Device

The details of the energy storage device default to showing real-time device data. Additionally, you can switch tabs to view BMS information, historical data, parameter configuration, and basic information.

11:29	::!! 🗢 🗔	15:40	::!! 🗢	P 🗲	15:40	::!! 🗢 🚺
- Reghard Klein	geld O	← dynes	ss Juniorin	+	← :	JuniorBox
SN:7AI23AI60FD014CF Online PV 0 (kw) -0.011 (kw)	14°C 18°C/77°C Brid 0.135 (kw) 0.26 (kw)	SOC (%) Dongle Dongle SN: R07E	784668010187-8MS 51 2584688010187	Online 6%	Continuous DOD 80% Real-time Power 289 (W)	Charge Time: 1 h 15 min 56% Real-time Current 12.6 (A)
Battery 77 %	Load	ssid WLANI-4RAOER	Signal Strength		Operation Mode	Power Limit 250 (w)
0 Rwh) 8 Today PV Revenue Tr 0 (ZAR) 2 Today Charge Tr	tal PV Yield 732 (kwh) tal PV Revenue 8.63 (ZAR) tal Charge 701 (Luth)	a •	.u. <	0	Real-time Data	Real-time Current A 40 20 20 10 0 -10 -20
Overview	_		Devices			evice Overview

15:40 ::!! 🕈 	15:40 ::!! 🗢 👀	15:40 ::!! 🗢 🗲			
← dyness Juniorin +	← JuniorBox	← JuniorBox			
JuniorBox Dnine Device SN: R07E784668010187-BMS Soc (%) Soc (%) 56%	Continuous Charge Time: 1 h 15 min 56%	Host Information Charge & Discharge Info Current & Voltage Host Information Host Device Name Battery-L Host Manufacturer Name Dyness TECHNOLOGY			
Dongle Dongle Donine Donine	Real-time Power Real-time Current 289 (W) 12.6 (A)	Host Version Number 24.1-11.1			
ssid Signal Strength WLANI-4RAQER © 23%	Operation Mode Power Limit 4/ Load Priority 250 (W)	Charge & Discharge Info Maximum Charge Current 50 A			
	Real-time Data W Real-time Power Real-time Current A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Maximum Discharge Current 50 A Charge and Discharge Status Charge			
		Current & Voltage Total Battery Pack Voltage 16:76 V			
Devices	Device Overview	Real-time Data			

By switching tabs, you can access the real-time data information page to view the data of the energy storage device.

By switching tabs, you can access the historical data page to view the historical data of the energy storage device.

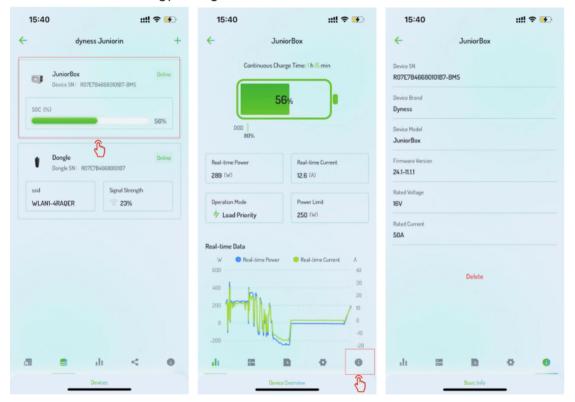
15:40 #!! ? 	15:40 🗰 🐔	15:40 ::!! 🗢
← dyness Juniorin +	← JuniorBox	← JuniorBox
JuniorBox Online Device SN: R07E784668010187-BMS SOC (%) 56%	Continuous Charge Time: I h IS min	Signal Type Power(kkW) Signal Point
ß	DOD 80%	Selected litems Date
Dongle Dnline Dnline	Real-Lime Power Real-Lime Current 289 (W) 12.6 (A)	2024-05-10
ssid Signal Strength WLANI-4RA0ER © 23%	Operation Mode Power Limit	kW 025
ی بار چ	Real-time Data	D2 015 01 005 0000 0+00 08:00 12:00 16:00 20:00 • Battery Power(KW)
Devices	Device	Historical Data

By switching tabs, you can access the parameter configuration page, where you can configure different charging modes according to the specific requirements of the

15:40 ::!! 🗢 😽 15:40 ::!! 🕆 🕫 15:40 ::!! 🗢 🕫 15:40 ::!! 🗢 🕫 \ 4 JuniorBox 4 JuniorBox JuniorBo 56% JuniorBox JuniorB \mathfrak{G} Dongle . (F) \mathfrak{F} 12.6 (A) (4) . WLAN1-4RADER 123% 250 (w) 4 Load Pr 250 + 80 D di di ø 0 **A**1 < 0 D 0 .h ø di. в

energy storage device.

By switching tabs, you can access the basic information page to view the fundamental information of the energy storage device.



Inverter

Inverter Device Details default to displaying real-time data. You can scroll up and down to view all information.

15:38	::!! 🗢 🚺	16:30			::!! 🗢 📴
Reghard	Kleingeld +	~	Inv	erter	
Dyness LV	Online	Generation Info	rmation DC Inf	fo AC Info	Load Gri
Device SN: 10311802		Generation Inf	ormation		
OC (%)		Real-time Power			
	74%				
		Today Yield 0.338 kWh			
Inverter	Online	Monthly Yield			
- Inverter SN- 1031180	23A240006	9.07 kWh			
Real-time Power	Total Yield	Total Yield			
0.253 [kw]	8.832 (kwh)	9.07 kWh			
Today Yield	Monthly Yield	DC Info			
0.1 (kwh)	8.832 (kwh)		Voltage (V)	Current (A)	Power (W
3	5	PVI	124.4	0.9	112
Dongle Dongle SN : 7AJ23AI	Online SOFD014CF	PV2	157.6	0.9	142
id	Signal Strength	PV3	0	0	0
	÷ 54%				
		P\/4	0	0	0
9 1	. < 0	55	D	0	0

By switching tabs, you can access the historical data page to view the historical data of the inverter.

15:38 👥 😢	16:30			ull 🕈 👀	16:30 ::!! 🗢 				
← Reghard Kleingeld +	÷	Inv	erter		← Inverter				
	Generation Inform	ation DC Inf	o AC Info	Load Grid Ba	Signal Type				
Dyness LV Online Device SN: 103118023A240006-BMS	Generation Infor	mation			Power(kW) 🔻				
500 (%) 74%	Real-time Power 0.253 kW				Signal Point				
7470	Today Yield				Selected 2 items 🔻				
_ Inverter Online	0.338 kWh				Date				
Inverter SN : 103118023A240006	Monthly Yield 9.07 kWh				2024-05-10 💌				
Real-time Power Total Yield 0.253 (kW) 8.832 (kWh)	Total Yield 9.07 kWh				idw/				
Today Yield Monthly Yield 0.1 (kiwh) 8.832 (kiwh)	DC Info				0				
		Voltage (V)	Current (A)	Power (W)	-1 1-				
Dongle Online	PVI	124.4	6.9	112	-2				
Dongle SN: 7AI23AI60FD0I4CF	PV2	157.6	6.9	142	.3				
ssid Signal Strength	PV3	Ð	0	0	-4 00:00 04:00 06:00 12:00 16:00 20:00				
54%	PV4	Ð	0	0	Grid Active Power(kw) OPV Power (kw)				
		<u> </u>							
a 🤋 di < 🖲	55	B	0	0					
Devices		Real-t	ime Data		Historical Data				

By switching tabs, you can access the inverter settings page. You can set the inverter by entering the login password.

15:38 #!! 🕈 	16:30	::!! 🗢 👀	16:30		ull 🗢 🕫	16:30		::!! *	? ∮	
← Reghard Kleingeld +	← Inverter		÷	Disclaimer			Password Veril	fication		
	Generation Information DC Info AC Info	Load Grid Ba	Dyness reminds you to carefully read and understand this disclaimer			This parsword is the login password. If you forget the password, you can retrieve the password on the login page				
Dyness LV Online Device SN: 10388023A240006-BMS	Generation Information	before using this feature (remote control or remote upgrade). If you agree to apply for the activation of this feature, it means that you (the applicant) agree to and comply with this disclaimer as follows:								
SOC (%) 74%	Real-time Power 0.253 kW		O The applicant applying for the activation of this feature must have the relevant qualifications and professional skills for the applications of photovalia: good generation systems. The applicant characterises their assurance to us, and we will cansider them as entitled in fully understanding qualifications and perfessional skills. Was are not ablighted to review the applicant significations and skills. The applicant should be able on a full understanding of the alcomentioned information, nodeprochedity determine whether they have the qualifications and skills. The able to this determine whether they have the qualifications and skills. The abuse this							
	Today Yield 0.338 kWh					₹U				
Inverter Online Inverter SN: 10318023A240006	Monthly Yield 9.07 kWh									
Real-time Power Total Yield 0.253 (kW) 8.832 (kwhi)	Total Yield 9.07 kWh		Feature and decide whether the supply for its activation. 21 The application applying for the activation of the feature much be the owner of the photocolitic, power prevailant systems are an analogie declarated by the much. The activation cannot rever the time assumes to							
Today Yield Monthly Yield 0.1 (Mirh) 8.832 (Mirh)	DC Info		us, and use will consider them as the owner of the photovolaic power generation system or a manager delegated by the owner. We are not obligated to review this if a delayed arrise stotwers the applicant and a third party (including tub not limited to disputes owner ownershop of the obstrontiation owner generation system, deld disputes. Alter-ables service							
	Voltage (V) Current (A)	Power (W)								
Dongle Online	PWI 124.4 0.9	112	disputes, product quality disputes, etc.), we have the right to take measures such as closing the feature and resolving abnormalities for third							
Dongle SN: 7A123A160FD014CF	PV2 157.6 0.9	142								
said Signal Strength	PV3 0 0	0		<u>@</u>						
	PV4 0	O		Distigne						
a e di < O	ii D o	0		D 0	0	55	B	•	0	
Devices	Real-time Data		Parameter Configuration			Parameter Configuration				

By switching tabs, you can access the inverter settings page. You can set the inverter by entering the login password.

16:31 🛛 👥 🕫 👀	16:31 🛛 👥 🕫 👀
Password Verification	← Inverter Control
This password is the login password. If you forget the password, you can retrieve the password on the login page	Work Mode Configuration >
	Grid Code Setting
S	Time Setting >
	Battery Setting >
	Feed in Power Limit >
	Parallel Configuration >
	Meter/CT Configuration >
	Smart Port >
Confirm	
5 0 0	5 D O O
Parameter Configuration	Parameter Configuration

Work mode settings.

16:31	::!! 🗢 🕩	16:31		::!! 🗢 🕩	16:31	::!! 🗢 🗲
← Inverter Control		← Wa	ork Mode Configuratio	in O	÷	Work Mode Configuration 📀
Work Mode Configuration	>	Work Mode			Work Mode	
Grid Code Setting	>	Please Select	<u> </u>	*	Please Sele	ect 💌
Time Setting	>		Ð			
Battery Setting	>					
Feed in Power Limit	>					
Parallel Configuration	>					
Meter/CT Configuration	>					
Smart Port	>					
					Work Mod	le O
					Self-Use Mode	
						Confirm
55 D O	0					Cancel
Parameter Configuration	_					

Numb	Parameter	Note
er	Name	
1	Self-use	The electricity generated by the photovoltaic system is
	Mode	used for self-consumption first. Any excess is used for
		charging, and if there is still surplus, it can be selectively
		fed into the grid.
2	Off-grid	The photovoltaic system and the battery form a pure
2	Mode	off-grid system, suitable for areas without a power grid.
7	Economic	Based on the differences in grid prices during different
3	Mode	time periods, set buying and selling electricity at different
		times. Use this function in accordance with local
		regulations.
4	Peak Shaving	When the power consumption from the grid exceeds the
4	Mode	peak value, the battery is prioritized for discharge.

Grid Standard Settings

Grid Code Settings: Please select the relevant grid code to meet local requirements.

16:31	::!! 🗢 👀	16:31	::!! 🗢 🕩	16:31	::!! 🗢 👀
Inverter Control		← Grid Code Setting		Grid Code Setting	
Work Mode Configuration	>	Grid Standard Precision Voltage IV, Time B.Is, Frequency B.IHz		d Standard Precision Voltage IV, Time 0.1s, Frequency 0.1Hz	•
Grid Code Setting	>	R.		<u></u>	
Time Setting	>			MEX-CFE	•
Battery Setting	>			PIEX-GPE	
Feed in Power Limit	>			Ċ	
Parallel Configuration	>				
Meter/CT Configuration	>				
Smart Port	>				
55 B O	Θ			Save	
Parameter Configuration					-

Time Settings

You can set the inverter time and date separately.

Turning on the Follow Phone Time switch will synchronize the inverter time with the phone time.

16:31	::!! 🗢 🕩	16:31		::!! 🗢 🕩	16:32			::!! <	P 🕩
← Inverter Control		÷	Time Setting		÷	٦	Time Setting		
Work Mode Configuration	>	Inverter Date Setting		Ŧ	Inverter Date S				
Grid Code Setting	>	2024-05-10		•	2024-05	10			·
Time Setting	,	Inverter Time Setting			Inverter Time	Setting			
		10:37:55		•	10:37:55				*
Battery Setting	,	Follow System Time (UTC+	08.001		Follow System	Time (UTC+08	3:000		
Feed in Power Limit	>	2024-05-10 16:31:57	,	Synchronize Time	2024-05	10 16:32:01		Synchroni	ze Time
Parallel Configuration	>								
Meter/CT Configuration	>								
Smart Port	>								
					×	Invert	er Time S	etting	~
						09	35	53	\mathfrak{G}
						09	36	54	
						10	37	55	
						11	党	56	
51 D O	0		Save			12	39	57	
Parameter Configuration	_					_		_	

Battery Settings

16:31	::!! 🗢 🕩	16:32	ııll 🗢 🕩	16:32	::!!	? 4 0
← Inverter Control		← Battery Setting	0	÷	Battery Setting	
Work Mode Configuration	>	Battery Type	•	Battery Type Please Select		×
Grid Code Setting	>	Please Select	•	Please Select		•
Time Setting	>	Battery Model	•	Battery Model Please Select		
Battery Setting	>	Peak-shaving Setting		Peak-shaving Setting		
Feed in Power Limit	>	Set Value	•	Set Value		-
Parallel Configuration	>	ECO Function		ECO Function		
Meter/CT Configuration	>	Set Value	•	Set Value		Ŧ
Smart Port	>	Overdischarge SOC		Overdischarge SOC		
		Set Value	-	Battery Type		0
		Overdischarge Hysteresis SDC		Lead-acid Battery	Lithium Battery No Battery	
		Set Value	•			
		Forcecharge 50C			Confirm	
55 D O	0	Set Value	*		Cancel	
Parameter Configuration						

		Max Grid Power When Force charge two			
Numb er	Parameter Name	Note			
1	Battery Model	Set the current battery model connected to the inverter.			
2	Over-Discharge SOC	When the battery's state of charge (SOC) reaches the over-discharge SOC, the inverter will stop discharging the battery.			
3	Overcharge SOC	Due to self-discharge phenomena, the battery SOC may fall below the over-discharge SOC value. When the overcharge SOC is reached, the inverter will automatically charge the battery to prevent it from entering sleep mode.			
4	Battery Treatment Switch	Used to enable/disable the battery treatment SOC. During periods of insufficient solar power generation, the battery may remain at a low SOC for an extended period. The battery treatment function will charge the battery to the target SOC.			
5	Battery Treatment SOC	Target SOC value for the battery treatment function.			
6	Grid Power Dynamic Adjustment	This switch is used to enable/disable dynamic adjustment of grid power during forced charging. When the switch is turned on, the inverter will dynamically force charge the battery while maintaining the "maximum grid power during forced			

7	Overcharge					
7	Power Limit	charging the battery.				
	Setting					
8	Night Energy	This switch is used to enable/disable the				
0	Saving Mode	energy-saving function. When the battery SOC				
		reaches the over-discharge SOC at night, the inverter				
		will shut off the battery circuit to avoid battery power				
		consumption.				
9	Manual Battery	Manual wake-up function. The inverter will charge the				
9	Wake-up Switch	battery port to the wake-up voltage level, then protect				
		for a period of time to wake the battery from sleep				
		mode.				
10	Manual Battery	Manual wake-up voltage setting.				
10	Wake-up Voltage					

Grid-Feeding Power Limitation Settings

16:31	::!! 🗢 🐠	16:32	::!! 🗢 🕩	16:32	::!! 🗢 🗲
← Inverter Control		← Feed in Powe	r Limit 🕓	← Feed in	Power Limit 📀
Work Mode Configuration	>	Feed in Power Limit Swtich		Feed in Power Limit Swtich	
Grid Code Setting	>	Set Value	•	Set Value	· · · · · · ·
Time Setting	>	Meter Compensation (W)	•	Meter Compensation (W)	-
Battery Setting	>	Feed in Current Limit Swtich		Feed in Current Limit Swtich	
Feed in Power Limit	>	Set Value	•	Set Value	•
Parallel Configuration	>	FailSafe Switch		FailSafe Switch	
Meter/CT Configuration	>	Set Value	•	Set Value	*
Smart Port	í			Feed in Power Limi	t Swtich O
				On	Off
				UII	
					Confirm
55 D O	0				Cancel
Parameter Configuration					
Numera Developert			Na	+-	

Numb	Parameter Name	Note			
er					
1	Grid-Feed Power	This switch is used to enable/disable the system's			
I	Limitation Switch	grid-feed control function.			
2	Grid-Feed Power	Set the maximum allowable grid-feed power limit at			
2	Limitation Value	the grid-connection point.			
7	Grid-Feed	This switch is used to enable/disable the system's			
3	Current	grid-feed current control function.			
	Limitation Switch				

	Grid-Feed	Set the maximum grid-feed current limit at the		
4	Current	grid-connection point.		
	Limitation Value			
5	FailSafe Switch	This switch is used to enable/disable the fail-safe		
5		function. If communication with the meter is lost, the		
		inverter will report.		
	Meter	Set the EPM hard flow-back power (only applicable to		
6	Compensation	Australia).		

Parallel operation settings.

16:31	배 후 👀	16:32 #1! 후 🍎 16:32 #1! 후 🕑
<	Inverter Control	← Parallel Configuration ○ ← Parallel Configuration ○
Work Mode Cor	nfiguration >	Single-machine/parallel.configuration Set Value Set Value
Grid Code Setti	ng >	Physical address ID Physical address ID
Time Setting	>	Set Value
Battery Setting	>	Manual setting of master/slave Manual setting of master/slave
Feed in Power I	.imit >	Set Value
Parallel Config	uration >	Inverter link phase setting Inverter link phase setting
Meter/CT Conf	iguration	Please Select
Smart Port	>	Number Of Parallel Units
		Set Value Single-machine/parallel configuration
		Parallel Operation Stand Alone
		Confirm
55	0 0	Cancel
	Parameter Configuration	
序号	参数名称	说明
1	Single	Set the inverter to operate in single-unit mode or
I	Unit/Parallel	parallel operation mode.
	Operation	
	Settings	
2	Physical Address ID	Set the physical address in parallel operation.
3	Manual Setting of	Set whether the inverter is a master or slave in parallel
5	Master/Slave	operation.
4	Inverter	Set which phase the inverter is connected to.
	Connection	
	Phase Setting	

Meter/CT Settings

Meter Settings: Set the meter type and meter location. It is recommended to install the

meter at the system grid connection point, then select "Meter in Grid". If there is temporarily no connected meter, please select "No Meter" to avoid alarms.

16:31	::!! 🗢 🕩	16:32		::!! 🗢 🕩	16:32		† 1
← Inverter Control		← Mete	er/CT Configuration	0	÷	Meter/CT Configuration	0
Work Mode Configuration	>	Meter/CT Configuration		•	Meter/CT Configs		Ţ
Grid Code Setting	>		ß				
Time Setting	>	Moter Installation Location Please Select	/Type	*	Meter Installation Please Sele		Ŧ
Battery Setting	>	CT Orientation			CT Orientation		
Feed in Power Limit	>	Please Select		*	Please Sele		v
Parallel Configuration	>	CT Ratio			CT Ratio		
Meter/CT Configuration	>	Set Value		*	Set Value		Ŧ
Smart Port	>						
					Meter/CT	Configuration	0
					CT Meter]	
						Confirm	
55 D O	0					\mathbb{S}	
Parameter Configuration						Cancel	

Smart Ports.

Smart ports can be used to configure data for devices such as backup systems, loads, and generators.

16:31 ::!! 후 👀	16:32 ::!! 후 👀	16:33 ።!! 후 👀	16:33 🛛 🗤 🕈 👀
- Inverter Control	← Smart Port O	← Smart Port ○	← Smart Port O
Work Mode Configuration >	Backup setting Smart load Generator setting Backup sett owitch	Backup setting Smart load Generator setting	Backup setting Smart load Generator setting
Grid Code Setting	Please select	Smart load switch Please Select	Please Select
Time Setting >	Backup load power supply voltage	Min output power	Rated Input Power
Battery Setting >	Set Value 💌	Set Value 💌	Set Value 💌
Feed in Power Limit >	Bypass overload undervoltage switch	Start lithium battery SOC	Max Charge Power
Parallel Configuration >	Please Select 💌	Set Value 🔻	Set Value 💌
Meter/CT Configuration >	Min undervoltage during overload	Close Ithium battery SOC	Position
Smart Port	Set Value 🔻	Set Value 🔻	Please Select 🔻
\mathbb{C}		Start lead-acid battery voltage	Enable SOC
		Set Value	Set Value 💌
		Close lead-acid battery voltage	Disable SOC
		Set Value 🔻	Set Value 🔻
H D O O			Operating Voltage
Parameter Configuration		the state of the s	

By switching tabs, you can access the inverter information page to view the basic information of the inverter.

15:38 ::!! 🕈 	16:30			::!! 🗢 👀	16:33	::!! ବ 👀
← Reghard Kleingeld +	÷	Inv	erter		← Inve	rter
Dyness LV Online	Generation Inform	nation DC Inf	o AC Info	Load Grid Ba	Basic Info	
Device SN: 10388023A240006-BMS	Generation Info	rmation			Inverter SN 103118023A240006	
SOC (%) 74%	0.253 kW				Dongle SN 741234160FD014CF	
	Today Yield 0.338 kWh				Device Model	
Inverter Online Inverter SN: 10318023A240006	Monthly Yield				DYNE 5.0L-1P-A	
Real-time Power Total Yield	9.07 kWh Total Yield				National Standard 659/3	
0.253 (kW) 8.832 (kWh)	9.07 kWh				Inverter Internal Operating Ambient Te 29°C	mp
Today Yield Monthly Yield 0.1 (kWh) 8.832 (kWh)	DC Info				Software Version	
		Voltage [V]	Current (A)	Power (W)	0e0008-040005	
Dongle Onine	PVI	124.4	0.9	112	AFCI version	
Dongle SN: 7AI23AI60FD014CF	PV2	157.6	0.9	142	G100 Status	
ssid Signal Strength	PV3	D	0	0		
	PV4	0	0	D		
a su < o	5	D	0	0	55 D	0 0
Devices		Real-t	ime Data	ß	Basic	Info

Dongle

The collector device can directly view basic information by clicking.

Reghan	d Kleingeld +	← Dongle Details
Dyness LV	Dnine	Dongle SN
-	023A240006-BMS	7AI23AI60FD014CF
SOC (%)		Firmware Version 10010119
500 CAS	74%	
		Device Brand Dyness
Inverter	Dnine	Device Model
Inverter SN : 1831	8023A240006	
Real-time Power	Total Yield	Connected Network
0.253 (kw)	8.832 (kwh)	
Today Yield	Monthly Yield	IP Address
0,1 (kwh)	8.832 0.wh	
		Connection Mode WIFI
Dongle	Dnline	
Dongle SN: 7A123	ANGUE DUTACE	Delete
ssid	Signal Strength	
	〒 54%	
	\mathfrak{G}	
	di < 0	

Edit Device

Parameter Configuration

The current Dyness App only allows modifications to the basic information of energy storage devices. Access "Parameter Configuration" through the energy storage device details page. The configuration parameters vary depending on the device model.

09:2	3 iil 🕈 🗈	09:23 ::!! 🗢 🗈	09:23	::!! ♀ ∎⊃	09:24	::!! ≎ ∎⊃
<	Reipets Solaranlage +	← JuniorBox	← Junior	rBox 📀	← Ju	niorBox 📀
SOC (JuniorBox হৈছি ঘট ছাঁ মা: ৫০/৫7/১4/668320103-8MS ই 30 19%	停机时间:6 h 20 min 19%	Junior	Box	Ju	niorBox
		DOD 80%	设备SN:R07E7A4	6683201C3-BMS	设备5N:R07	E7A46683201C3-BMS
1	采集器 在线	实时功率 实时电流	基础设置	分时设置	基础设置	分时设置
ssid	采集翻5N: R07E77A66B3201C3 信号强度	6 (w) (A)	60 (4		工作组1	Ŝ
Mage	entaWLAN-FM7Y 🔶 47%	运行模式 限制功率 今 负载优先 200 (w)	电池优先 负载(工作组状态	_
			限制功率 (W)	取值范围: 150-800 W	开启	关闭
		实时数据	- 200	+	工作模式	
		₩ ● 实时功率 ● 实时电流 A 600 40	(设置功率需小于安装PV的最大功 DDD (%)	1年) 取值范围: 0-80 %		*
		400			功率限制 (%)	
		200	- 80			
		-200	保存		时间范围	
1	s di < 0	di 🗮 🗋 🗢 🔴	di 🗃 🖸	0 0	di 📾	D 0 0
	12音	设备概算	參 数百	Em		-

JuniorBox Smart Load

You can enable the smart load in the JuniorBox settings interface.

17:43								
~			0					
		JuniorBox						
	设备SN:F	R07E7A46680F0	003-BMS					
基础设置		分时设置		智能负载				
智能负载 🛈								
开启				•				
关联电表(查	看)							
Pro3EM-S	5N:34987a45	5b930		•				
关联相位								
A相				•				
设备检测 可通过设备检	测获取电表标	目位						
		Þ						
设备概览	详细信息	〕 历史数据	✿ 设置	日 基本信息				
	Ξ	Ο	<					

(1) To enable the smart load, the following conditions must be met:

① All time-of-use settings must be turned off.

② The JuniorBox operating mode should be set to "Load Priority."

③ JuniorBox must be associated with a Shelly meter, with the phase correctly

identified.

(2) If you're unsure which phase the JuniorBox is associated with, first select the

linked meter and then perform a phase detection. Once the phase detection is

successful, you can enable "Smart Load."

(3) After enabling Smart Load, the JuniorBox will adjust the battery discharge power

limit in real-time based on the meter's power readings, minimizing both feed-in to the

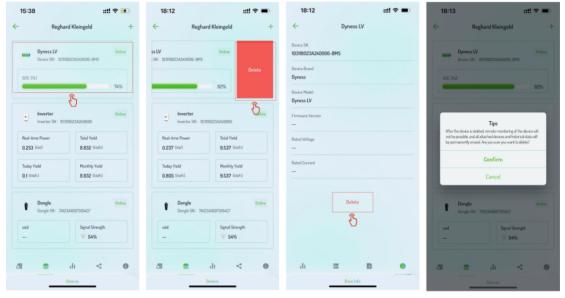
grid and grid power purchases.

Device Deletion

Device Deletion Logic: The collector needs to delete the energy storage battery and inverter before deletion is possible; otherwise, deletion cannot proceed. Methods for Deleting Devices:

Long press the device card and swipe left on the device list page.

Enter the device details page and click on basic information.



Inverter Local Debugging

10:09	::!! 🗢 🕞	09:34	::!! ? 💽
	🕲 English	Services	ă
Login		Operations and Maintenance Services	
New user? Create an account		Alarm Management	>
Country or Region		Invitation Code	>
Germany	•	Debugging Tool	
Email		Network Configuration	>
Please enter email		Local Operation	>
Password	Forgot password?	Help Center	
Please enter password	Ø	Video Tutorial	>
Remember Password		User Manual	>
Login			
SmartConfig	Local Operation		
	ـــــــــــــــــــــــــــــــــــــ		
	U		
			0
	_	Services	

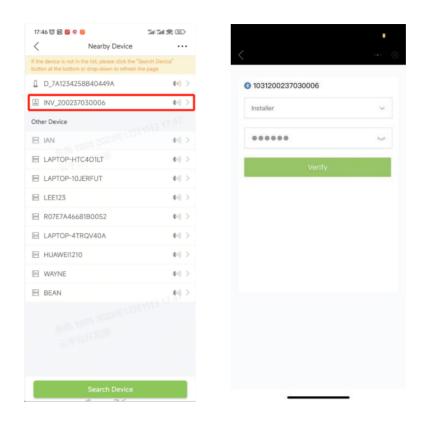
Local Debugging Entrance

Bluetooth Login

10:09	::!! 🗢 🗔	09:34	::!! 🗢 💽	17:46 🎯 🖻 🍔 🗐 🧱	311 Sal 🙈 💿
	🕲 English	Services	Ď	< Nearby [
	0 - 5		-	If the device is not in the list, please button at the bottom or drop-down	
Login		Operations and Maintenance Services		D_7A1234258B40449A	参 4) >
New user? Create an account		Alarm Management	>	A INV_200237030006	※ 1) >
Country or Region		Invitation Code	>	Other Device	
Germany	•	Debugging Tool		E IAN	\$-0) >
Email		Network Configuration	>	E LAPTOP-HTC401LT	\$ -1)) >
Please enter email		Local Operation	>	E LAPTOP-10JERFUT	冬 1) >
		ß		E LEE123	\$ 4) >
Password	Forgot password?	Help Center	>	🗄 R07E7A46681B0052	冬 4) >
Please enter password	Q			E LAPTOP-4TRQV40A	\$4) >
Remember Password		User Manual	>	HUAWEI1210	\$-1) >
				E WAYNE	\$ -1) >
Login				🗄 BEAN	\$ -1) >
SmartConfig	Local Operation				
			Θ		
		Services	-	Search [Device

Select Bluetooth Model

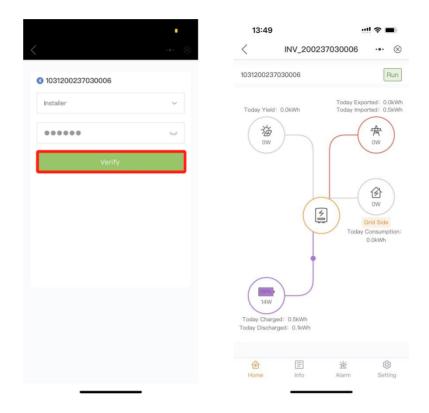
Due to the high-voltage powered state of the inverter device, changing parameter configurations requires professional personnel. Therefore, before performing device debugging, you need to input the operation account and password to ensure it is you who is conducting the operation.



Home

The "Home" can display the working status of the photovoltaic system, today's production, today's grid import/export, today's battery charging/discharging, today's home power consumption, and today's GEN yield.

At the bottom of the interface, there are four sub-menus: Home, Information, Alarms, and Settings.



Information

The "Information" page is divided into four tabs: Inverter, Battery, Grid, and Load.

Numb	Parameter	Note
er	Name	
1	Inverter	Cumulative power generation, historical power, photovoltaic voltage, and inverter basic information (serial number,
		model, firmware version).
2	Battery	Battery model, status, battery voltage, and current.
3	Grid	Input power, output power, AC grid voltage, frequency, and ampere.
4	Load	Power consumption for home load and standby load.

<	INV_200237	030006	••• ⊗
Inverter	Battery	Grid	Load
Total Yiel	d		0kWh
0.0kWh Today Yield	0kWh This Month		0kWh his Year Yield
0.0kWh	OkWł	n	0kWh
	d Last Month	Yield La	ast Year Yield
	Historical	Yield >	
💎 Total PV	Input Power		ow
	Voltage	Current	Power
PV1	0.0V	0.0A	0.00W
PV2	0.0V	0.0A	0.00W
PV3	0.0V	0.0A	0.00W
Fotal Inverter			0kWh
Inverter SN		10312	00237030006
nverter Time		2024-0	01–03 13:50:10
Rated Power			
			8kW
企	E	遊	8kW
仓 Home		Alarm	(Ĝ) Setting
	E	Alarm	(\$)
Home 13:49	E Info	Alarm	©3 Setting
企 Home 13:49	Info	Alarm 7030006 Grid	(8) Setting ►
13:49	INV_200237 Battery	Alarm 7030006 Grid d Ex	©3 Setting ⊗ Load
Home 13:49	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 7030006 Grid d Ex 0.0	© Setting ⊗ Load
Home 13:49 C Inverter Today Yesterday	INV_200237 Battery Importe 0.5kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting
Home Home 13:49 C Inverter Foday restarday	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting S Load ported kWh kWh
Home 13:49 C Inverter Today Yesterday Grid Data	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting S Load ported kWh kWh
Home 13:49 C Inverter Today Yesterday Grid Data Power	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting & Load ported kWh kWh Wh
Home 13:49 hverter oday esterday tal rid Data ower	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting Coad Coad ported kWh kWh Wh OW
Home Home 13:49 (Inverter Foday (esterday Foda) Gorid Data	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting Coad Coad ported kWh kWh Wh OW
Home 13:49 C Inverter Today Yesterday Total Grid Data Power /oltage A	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting Load kWh kWh Wh OW 230.6V
Home Home 13:49 (Inverter Foday resterday fotal Brid Data	E INV_200237 Battery 0.5kWh 0.2kWh 11kWh	Alarm 7030006 Grid d Exit 0.0	Setting Setting Load kWh kWh Wh OW 230.6V
Home 13:49 Inverter Today Yesterday Grid Data Power Voltage A Frequency	INV_200237 Battery Importe 0.5kWh 0.2kWh	Alarm 0300006 Grid d Ex 0.0 0.0	Setting Setting Coad ported kWh kWh 230.6V 49.98Hz

13:49		,	#!?■
<	INV_2002370	030006	••• ⊗
Inverter	Battery	Grid	Load
14W Disc	harging Power		100% Battery SOC
	Charging Energy		scharging hergy
Today	0.5kWh		lkWh
Yesterday	0.1kWh		0kWh
Total	123kWh		kWh
Total Grid C	harging Energy		0kWh
Other Para	meters (From B	MS)	
Battery SOH	I		100%
Battery Type		1	Lithium Battery
BMS Status			Normal
Battery Volta	age BMS		49.91V
Battery Curr	ent BMS		0.2A
6 Home	E Info	逝 Alarm	ැලි Setting
13:50		,	#!?■
<	INV_2002370	030006	••• ⊗
Inverter	Battery	Grid	Load
Grid side			
Grid Load P	ower (Active)		ow
Total Grid L	oad Consumption		15kWh
Today Grid I	_oad Consumptior	ı	0.0kWh

This Month Grid Load Consumption

This Year Grid Load Consumption

Backup Load Power (Active)

Total Backup Load Consumption

Today Backup Load Consumption

This Month Backup Load Consumption

This Year Backup Load Consumption

E Info

首 Alarm

Backup side

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Home

0kWh

0kWh

0W

2kWh

0.0kWh

0kWh

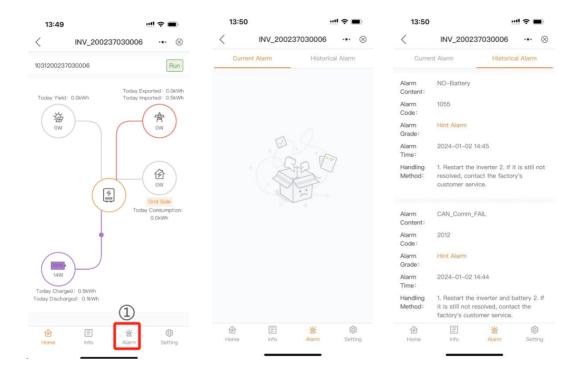
0kWh

ැබ

Setting

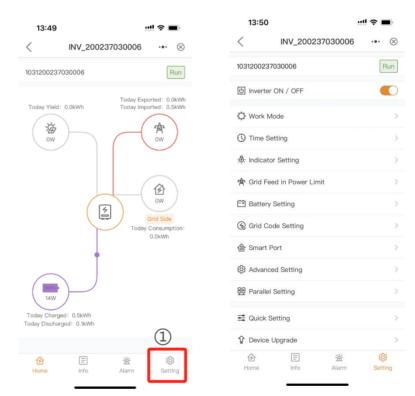
Alarms

You can enter the "Alarms" page by switching tabs and view current alarms as well as historical alarms.



Settings

Switching tabs allows you to enter the inverter settings interface for configuring inverter parameters.



Operating Mode

Select the operating mode. The efficiency of power generation varies under different operating modes. Please set it according to the actual electricity usage in your local area.

Numb	Parameter	Note				
er	Name					
1	Self-use	The electricity generated by the photovoltaic system is				
	Mode	used for self-consumption first. Any excess is used for				
		charging, and if there is still surplus, it can be selectively				
		fed into the grid.				
2	Off-grid	The photovoltaic system and the battery form a pure				
2	Mode	off-grid system, suitable for areas without a power grid.				
3	Economic	Based on the differences in grid prices during different				
5	Mode	time periods, set buying and selling electricity at different				
		times. Use this function in accordance with local				
		regulations.				
4	Peak Shaving	When the power consumption from the grid exceeds the				
4	Mode	peak value, the battery is prioritized for discharge.				

13:50	··!! ? ■	13:50	!! ≎ ■
< INV_200237030006	·•· 🛞	< wa	ork Mode 🚥 🤅
1031200237030006	Run	Work Mode Status	Self use-Time of Us
也 Inverter ON / OFF		Self-Use Mode	
🗘 Work Mode	>	Feed in Priority Mode	
S Time Setting	>	Peak-shaving Mode	
्षै: Indicator Setting	>	Off-Grid Mode	
会 Grid Feed in Power Limit	>		
Battery Setting	>		
🛞 Grid Code Setting	>		
仓 Smart Port	>		
🕄 Advanced Setting	>		
00 Parallel Setting	>		
	>		
✿ Device Upgrade	>		
 	(C) Setting		

Time Settings

You can separately set the inverter time and date.

If you enable the switch to follow the mobile phone time, the inverter time will synchronize with the mobile phone time.

13:50	!! ≑ ■	13:50	!! 중 ■
INV_200237030006	·•• ⊗	< Time	Setting
1200237030006	Run	Inverter Date Setting	2024-01-0
Inverter ON / OFF		Inverter Time Setting	13:51:0
Work Mode	>	Phone Time	2024-01-03 13:50
Time Setting	>	Follow Phone Time	C
Indicator Setting	>		
Grid Feed in Power Limit	>		
Battery Setting	>		
Grid Code Setting	>		
Smart Port	>		
Advanced Setting	>		
Parallel Setting	>		
Quick Setting	>		
Device Upgrade	>		
仓 I 送 Iome Info Alarm	(B) Setting	s	ave

Grid-Feed Power Limitation

Numb	Parameter Name	Note
er		
1	Grid-Feed Power	This switch is used to enable/disable the system's
I	Limitation Switch	grid-feed control function.
2	Grid-Feed Power	Set the maximum allowable grid-feed power limit at
2	Limitation Value	the grid-connection point.
3	Grid-Feed	This switch is used to enable/disable the system's
5	Current	grid-feed current control function.
	Limitation Switch	
4	Grid-Feed	Set the maximum grid-feed current limit at the
4	Current	grid-connection point.
	Limitation Value	
5	FailSafe Switch	This switch is used to enable/disable the fail-safe
5		function. If communication with the meter is lost, the
		inverter will report.

4	Meter	Set the EPM hard flow-back power (only applicable to
0	Compensation	Australia).

13:50	∥奈■	13:50	::!! ?
INV_200237030006	·•· 🛞	< Grid Feed in Po	ower Limit 🔸
031200237030006	Run	Feed in Power Limit Swtich	
이 Inverter ON / OFF		Feed in Power limit value	80
Ör Work Mode	>	Meter Compensation	
Time Setting	>	Feed in Current Limit Swtich	
Ø: Indicator Setting		Feed in Current Limit Value	Ę
		Failsafe Switch	
Grid Feed in Power Limit	7		
Battery Setting	>		
🛞 Grid Code Setting	>		
읍 Smart Port	>		
Advanced Setting	>		
Parallel Setting	>		
n Quick Setting	>		
û Device Upgrade	>		
合 E 查	(C) Setting		

Battery Settings

Numb	Parameter Name	Note			
er					
1	Battery Model	Set the current battery model connected to the			
		inverter.			
2	Over-Discharge	When the battery's state of charge (SOC) reaches the			
	SOC	over-discharge SOC, the inverter will stop discharging			
		the battery.			
3	Overcharge SOC	Due to self-discharge phenomena, the battery SOC			
5		may fall below the over-discharge SOC value. When			
		the overcharge SOC is reached, the inverter will			
		automatically charge the battery to prevent it from			
		entering sleep mode.			
4	Battery	Used to enable/disable the battery treatment SOC.			
4	Treatment	During periods of insufficient solar power generation,			
	Switch	the battery may remain at a low SOC for an extended			
		period. The battery treatment function will charge the			
		battery to the target SOC.			

_	Battery	Target SOC value for the battery treatment function.		
5	Treatment SOC			
4	Grid Power	This switch is used to enable/disable dynamic		
6	Dynamic	adjustment of grid power during forced charging.		
	Adjustment	When the switch is turned on, the inverter will		
		dynamically force charge the battery while		
		maintaining the "maximum grid power during forced		
		charging" at the grid connection point.		
7	Overcharge	Sets the maximum allowable grid power for forced		
	Power Limit	charging the battery.		
	Setting			
8	Night Energy	This switch is used to enable/disable the		
	Saving Mode	energy-saving function. When the battery SOC		
		reaches the over-discharge SOC at night, the inverter		
		will shut off the battery circuit to avoid battery power		
		consumption.		
9	Manual Battery	Manual wake-up function. The inverter will charge the		
7	Wake-up Switch	battery port to the wake-up voltage level, then protect		
		for a period of time to wake the battery from sleep		
		mode.		
10	Manual Battery	Manual wake-up voltage setting.		
	Wake-up Voltage			

INV_200237030006 INV_200237030006 INV_200237030006 Run Invariance Battery Type Battery Model Max Charging Current Invariance Max Discharging Current Invariance Max Discharge SOC Interver Setting Overdischarge SOC Interver Setting Overdischarge SOC Interver Setting Settery Healing Switch Id Code Setting Battery Healing Switch Battery Healing SOC Peak-shaving Setting Vanced Setting Max. grid power when Force charge SOC Interversion Battery Healing Switch Battery Healing SoC Peak-shaving Setting Vanced Setting Max. grid power when Force charge SoC Interversion Battery Healing Switch	3:50	!! 🗢 🔳	14:00
Part Battery Model erter ON / OFF Max Charging Current me Setting Max Discharging Current me Setting Overdischarge SOC dicator Setting Overdischarge Hysteresis SOC ttery Setting Battery Healing Switch ad Code Setting Battery Healing Switch battery Healing SoC Peak-shaving Setting vanced Setting Max. grid power when Force charge ick Setting ECO Function ick Setting Battery Wakeup Switch	INV_200237030006	·•• ⊗	< Battery Sett
erter ON / OFF	0237030006	Run	Battery Type
rk Mode	verter ON / OFF		Battery Model
me Setting > Max Discharging Current icator Setting > Overdischarge SOC id Feed In Power Limit > Overdischarge Hysteresis SOC ittery Setting > Forcecharge SOC id Code Setting > Battery Healing Switch iart Port > Peak-shaving Setting vanced Setting > Max. grid power when Force chargin ick Setting > ECO Function ick Setting > Battery Wakeup Switch	ork Mode	>	Max Charging Current
licator Setting > Overdischarge SOC Overdischarge SOC Overdischarge SOC Overdischarge SOC Forcecharge SOC Forcecharge SOC Battery Healing Switch Battery Healing SOC Battery Healing SOC Peak-shaving Setting Max. grid power when Force charging ECO Function Battery Wakeup Switch Battery Healing Soc Battery Healing Soc Batte		>	Max Discharging Current
id Feed in Power Limit Overdischarge Hysteresis SOC ittery Setting Forcecharge SOC id Code Setting Battery Healing Switch hart Port Battery Healing SOC vanced Setting Peak-shaving Setting vanced Setting Max. grid power when Force charging ick Setting ECO Function Battery Wakeup Switch Battery Wakeup Switch		>	Overdischarge SOC
thery Setting Forcecharge SOC ad Code Setting Battery Healing Switch bart Port Battery Healing SOC vanced Setting Peak-shaving Setting rallel Setting Max. grid power when Force charging ick Setting ECO Function Battery Wakeup Switch Battery Wakeup Switch		>	Overdischarge Hysteresis SOC
id Code Setting > Battery Healing Switch hart Port > Battery Healing SoC vanced Setting > Peak-shaving Setting rallel Setting > ECO Function lick Setting > Battery Wakeup Switch	attery Setting	>	Forcecharge SOC
Aart Port > Battery Healing SOC Peak-shaving Setting Advanced Setting > Peak-shaving Setting Advanced Setting > Peak-shaving Setting Peak-shaving Peak-shaving Setting Peak-shaving Seting Peak-shaving Seting Peak-shaving Setting Peak-shaving		>	Battery Healing Switch
vanced Setting > Peak-shaving Setting Max. grid power when Force charging ECO Function Battery Wakeup Switch	-	>	Battery Healing SOC
Additional and the second seco		>	Peak-shaving Setting
ick Setting > Battery Wakeup Switch		· · ·	Max. grid power when Force ch
Battery Wakeup Switch	aranoi ootting		ECO Function
vice Upgrade > Auto Bat Awaken	uick Setting	>	Battery Wakeup Switch
	evice Upgrade	>	Auto Bat Awaken

Grid Standard Settings

13:50	! † =	14:03	::!! 🗢 🔳
INV_200237030006	••• 🛞	< Grid Code	Parameters … 🤅
31200237030006	Run	Grid Code	NRS097
] Inverter ON / OFF		OV-G-V 01	253.0V
Work Mode	>	OV-G-V-T 01	1.20s
Time Setting	>	OV-G-V 02	276.0V
Indicator Setting	>	OV-G-V-T 02	0.08s
Grid Feed in Power Limit	>	UN-G-V 01	195.5V
Battery Setting	>	UN-G-V-T 01	8.00s
Grid Code Setting	>	UN-G-V 02	115.0V
Smart Port	>	UN-G-V-T 02	0.10s
Advanced Setting	>	OV-G-F 01	52.00Hz
Parallel Setting	>	OV-G-F-T 01	4.30s
Quick Setting	>	OV-G-F 02	52.00Hz
Device Upgrade	>	OV-G-F-T 02	4.30s
☆ 🗉 🖄	®	UN-G-F 01	47.00Hz

Grid Code Setting: Please select the relevant grid code to meet local requirements.

Advanced Settings

Numb	Parameter Name	Note
er		
1	Meter/CT	Options
l	Settings	
2	Meter Type and	Meter Type: Set the type of smart meter used in the
	Installation	system.
	Position	Meter Installation Position: Set the installation position
		of the smart meter used in the system.
3	CT Direction	Change the effective direction of CT
5		
4	CT Ratio	Change the ratio of CT
4		

13:50	#! ≎ ■	14:03	**!! ≈ ■
INV_200237030006	••• ⊗	< Meter/C	T Setting ····
31200237030006	Run	Meter/CT Setting	C
Inverter ON / OFF		Meter Type	NO Mete
Work Mode	>	CT Detection	
Time Setting	>	CT Direction	Forward Setting
Indicator Setting	>	CT Ratio	200
Grid Feed in Power Limit	>		
Battery Setting	>		
Grid Code Setting	>		
Smart Port	>		
Advanced Setting	>		
Parallel Setting	>		
Quick Setting	>		
Device Upgrade	>		
合 E 造 Home Info Alarm	8 Setting		

Parallel Connection Settings

Numb	Parameter Name	Note
er		
1	Single	Set the inverter to operate in single unit mode or
	Unit/Parallel Unit	parallel unit mode.
	Settings	
2	Physical Address	Set the physical address during parallel operation.
2	ID	
3	Manual Setting of	Manually set whether the inverter is a master or a
5	Master/Slave	slave in parallel operation.
4	Inverter	Set which phase the inverter is connected to.
4	Connection	
	Phase Setting	

13:50		14:04	··!! ≎ ■)
INV_200237030006	·•• ⊗	< Parallel Se	etting 😶 🛞
031200237030006	Run	Parallel Mode	Single
Inverter ON / OFF		Physical Address ID	1
Work Mode	>	Manual Set Master/Slave	Master
Time Setting	>	Inverter Connected Phase Set	ting Single Phase
Indicator Setting	>	Total Number Of Hybrid Inver	ters Connected 2
Grid Feed in Power Limit	>	Parallel Sync	0
Battery Setting	>		
Grid Code Setting	>		
Smart Port	>		
Advanced Setting	>		
Parallel Setting	>		
Quick Setting	>		
Device Upgrade	>		
合 🗐 強 Home Info Alarm	(C) Setting		

Quick Settings

If you are debugging the inverter for the first time, you need to perform quick settings first. After completing this operation, you can change these settings later: **Inverter Time > Battery Model > Meter Settings > Grid Code > Operating Mode**

13:50	··!! †	14:04	::!! 중 ■
< INV_20023703000	6 ⊗	< Quick S	etting … 🛞
1031200237030006	Run	Battery Type	Grid Code
也 Inverter ON / OFF		Inverter Meter/ Time Settir	
🗘 Work Mode	>	Inverter Date Setting	2024-01-03 >
() Time Setting	>	Inverter Time Setting	14:04:25 >
: . Indicator Setting	>	inverter nine Setting	PH.04.20 /
🛧 Grid Feed in Power Limit	>	Phone Time	2024-01-03 14:04:30
E Battery Setting	>	Follow Phone Time	
🛞 Grid Code Setting	>		
备 Smart Port	>		
8 Advanced Setting	>		
PP Parallel Setting	>		
n Quick Setting	>		
	>		
合 E 道 Home Info Alarm	(B) Setting	Skip	Next Step

Inverter Time

You can set the inverter time and date separately.

If you enable the switch to follow the mobile phone time, the inverter time will synchronize with the mobile phone time.

14:04			? ■)	
<	Quick Settir	Setting 💀 😣		
Battery Type		Grid Code		
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Inverter Time	Meter/CT Setting		Work Mode	
Inverter Date Setti	ng	202	4–01–03 >	
Inverter Time Sett	ing		14:04:25 >	
Phone Time		2024-01-0	3 14:04:30	
Follow Phone Time	e			
Skip		Next Ste	p	

Battery Model

Battery Model: Select the battery model connected to the inverter. This choice must be based on the actual battery model connected to the inverter. If there is temporarily no connected battery, please select "No Battery" to avoid potential alarm codes.

14:04	1		all s	? ■
<	Q	Quick Setting		
V Inverter Time	Battery Type	Meter/CT Setting	Grid Code — —	
Battery 1	Гуре			
Lithium Ba	attery			\checkmark
Lead-acio	d Battery			
48V Lithiu	ım Battery	(Without CO	MM)	
51.2V Lith	ium Batter	y (Without C	(MMC	
No Batter	у			
Battery M	Vodel			
Lithium Ba	attery LV(F	RS485)		
Lithium ba	attery LV			
PYLON_L'	V			
B_BOX_L\	V BYD			
Dyness L\	/			\checkmark
	Back		Next Ste	p

Meter/CT Settings

Meter Settings: Set the meter type and meter location. It is recommended to install the meter at the grid connection point of the system and then select "Meter in the Grid". If there is temporarily no connected meter, please select "No Meter" to avoid alarms.

14:07			?∎
<	Quick Setti	ng	••• ⊗
	lattery Type	Grid Code	
Inverter Time	Meter/CT Setting		Work Mode
Meter/CT Se	etting		CT >
Meter Type		N	O Meter >
CT Detection	n		>
CT Direction		Forward	I Setting >
CT Ratio			2000 >
			_
B	ack		p

Grid Code

14:07		::!! ? =)	14:07	**	! ? -	D
<	Quick Setting	·•· ⊗	< Selec	ct Country/Region	••• (\otimes
	tery Gr pe Co		General			ene
0			User-define			B
verter	Meter/CT	Work				
Time	Setting	Mode	Other			D
irid Code		NRS097 >	А			E
						F
			Aruba			
			Australia			F
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			Brazil			G
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			China			V
			Cyprus			×
Bac		t Step	Cypids			Y
Bac	INEX	it Step	Czech			Z

Grid Code: Please select the grid code according to the local grid requirements.

Operating Mode

Operating Mode: This is the energy storage operating mode. The first priority for all modes is to use available PV power to support home loads. Different modes determine the second priority or use of surplus PV power. Select the desired mode, then click the switch to turn on the mode. If enabled, the switch will be displayed in orange.

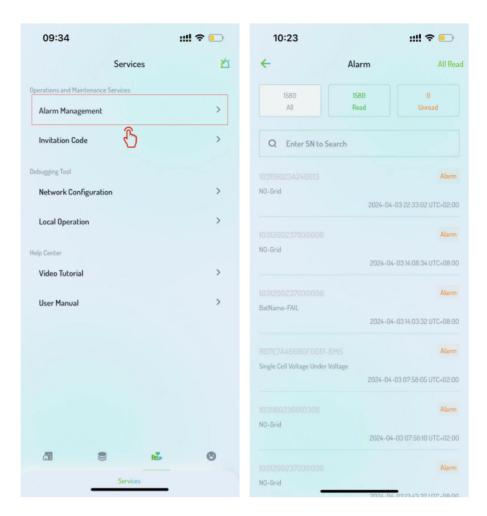
Numb	Parameter	Note			
er	Name				
1	Self-use	The electricity generated by the photovoltaic system is			
	Mode	used for self-consumption first. Any excess is used for			
		charging, and if there is still surplus, it can be selectively			
		fed into the grid.			
2	Off-grid	The photovoltaic system and the battery form a pure			
2	Mode	off-grid system, suitable for areas without a power grid.			
3	Economic	Based on the differences in grid prices during different			
5	Mode	time periods, set buying and selling electricity at different			
		times. Use this function in accordance with local			
		regulations.			
4	Peak Shaving	When the power consumption from the grid exceeds the			
4	Mode	peak value, the battery is prioritized for discharge.			

14:07		!! 🗢 🔳
< Q1	uick Setting	·•• ⊗
Battery Type Onverter Time	Gr Co Meter/CT Setting	
Work Mode Status	Self use	e-Time of Use
Self-Use Mode		>
Feed in Priority Mod	e	>
Peak-shaving Mode		>
Off-Grid Mode		>
Back	Con	npiete

Service Center

Alarm Management

You can view all device alarm information.



Quick Network Setup

Click on "Quick Network Setup". Select the networking product. Start the device networking process. Bluetooth scans nearby devices, click on the device name. Enter the networking process.

09:34	:!!! 후 💽	14:37		::!! ? 🕞
Services	ň	÷	Add Device	
Operations and Maintenance Services		Please select the	e desired de	vice or system
Alarm Management	>	Balcony equipment	e acon ca ac	the of system
Invitation Code	>	barcony equipment		
Debugging Tool				
Network Configuration	>	JuniorBox		
Local Operation	>	Energy Storage System		
Help Center				
Video Tutorial	>			
User Manual	>	Cygni		
		Battery System		
		5		
		DL2.5	DL3.6	DL5.0
		-		
a s 🗈	Θ	DL5.0C	DL5.0X	PowerDepotH5B
Services				

Local Debugging

Click on "**Near-End Debugging**". Select the debug product model. Enter the operation password and click on the next step. Enter the debugging center.

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Services	ň	< Nearby	Device ···
		If the device is not in the list, plea button at the bottom or drop-dow	
Operations and Maintenance Services		<u>□</u> D_7A1234258B40449	A (**) >
Alarm Management	>	INV_200237030006	\$·1) >
Invitation Code	>	Other Device	
Debugging Tool		IAN	\$ -0) >
Network Configuration	>	LAPTOP-HTC401LT	\$-1) >
Local Operation	>	E LAPTOP-10JERFUT	\$-1) >
Ê.		E LEE123	冬 雨) >
Help Center	>	🗄 R07E7A46681B0052	\$ 0) >
		LAPTOP-4TRQV40A	\$ -0) >
User Manual	>	HUAWEI1210	\$ -0) >
		B WAYNE	\$ -0) >
		🗄 BEAN	\$ -0) >
	Š		
Services		Search	Device

Account Center

User Information

Log in to the Dyness App, cli k on the **"My"** tab.

Click on "User Information" to enter the user information modification interface. Follow the on-screen prompts to modify information such as avatar, username, phone number, country or region, etc. Click **"Save"** to confirm the changes.

10:26	::!! ? 🖸	10:23	::!! 🗢 🕒	10:23	::!! হ 🕞
Plants	+			← User Info	ormation
251 75 176 All Online Offline	0 Faulty	Operations Adm Email:superOperat	ninistrator cor@dyness-tech.com	(
Q Plant name or e-mail to search		User Information	>	Ava	atar
test 1kWp (PV Installed Power)	Offline	Security Settings	>	Operations Administrator	>
PV Power Today Yield		Preference Settings	>	Telephone	
(kw) (kwh)		Software Version	V 1.6.0 >	CN +86 12345678910	>
Rothebuschstraße 96, 46119 Oberhausen, Deutschla	ind :			Country or Region	
Reghard Kleingeld 32kWp (PV Installed Power)	Online	Log out		Germany	•
PV Power Today Yield (kW) D (kWh)				Sa	ave
Gateway St, AandeWijnlanden, Cape Town, 7100, So	uth				
Africa	:				
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Plants	Ð	Me			<u></u>

Security Settings

(1) Verify Email: The verified email is used for password recovery.

(2) Password Reset: Resetting the password can enhance account security in case of

password leaks or prolonged periods without password changes.

10:23 #!! 🗢 	10:24 ::!! 🗢 	10:24 ::!! 🗢 	10:24 #!! 🗢
Decision Administrator mataspero Operator of dyness-tect com convity Settings 	Change Password	Change Password Did Password Please enter password Please enter password Confrm Password Please confirm password New Confre Password New Confre Password New Confre Password New Confre Password Confre Pa	Modify Email Email Verification Code Enter the verification code Sore
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