

Bluetooth App Instructions (IOS)

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1.User manual for IOS

1.1 Installing

Search the apple store for 'solarlife' and install it.





1.2 Connection

For choosing Bluetooth communication, please select the corresponding device. After successful matching, device name will show up on the top of the phone screen.



	WETEST		
al	Available devices		Disconnect
	Mac:F8E01D1C-DFCB-	3CBB-B097	-89679098CA7D
	Keep B1		
atl	Not connected		Available devices
	Mac:3EAD563A-034D	-7082-851F-	9AC7C580CDEC
	LYWSD02		
dl	Not connected		Available devices

1.3 Home Page

After successful device connection you will be automatically transferred to below displayed page. The device's name is shown in

'Communication choices'. 'Monitoring' can access all kinds parameters of current PV, load and battery.





2. Real Time Monitoring

2.1 PV

Step 1: On this page, you can visualize the PV working mode(Night or Daytime), charging status, as well as the parameters of current, voltage and power. You can pull down to update.



Step 2: Click '**PV**', to access the page of PV details. On this page you can read PV voltage, PV current, PV power, charging energy today, total charging energy as well as energy generated graphs of 60 days.

6:31 <	Monitoring	🗢 🗈
PV	Battery	Load
PV voltage		26V
• PV current		15A
• PV power		390W
		2020-08-19
Energy genera the da	/ ated of y	15.6 KWH
F Total e genera	nergy ated	985.6 KWH
60 day	vs of energy generate	d graphs
300 200 100 gr th gr th	and and and	orthe data deta
Running da	ys	55 day

Step 3: Click '*Running days*' to retrieve daily power information (in Wh).

4:39 <	� ■⊃ 历史记录
Device time	Energy generated of the day(wh)
2020-08-18	250wh
2020-08-17	110wh
2020-08-16	210wh
2020-08-15	230wh
2020-08-14	180wh
2020-08-13	30wh
2020-08-12	250wh
2020-08-11	290wh
2020-08-10	60wh
2020-08-09	180wh
2020-08-08	120wh
2020-08-07	290wh
2020-08-06	50wh
2020-08-05	90wh
2020-08-04	120wh
2020-08-03	240wh
2020-08-02	100wh
2020-08-01	40wh
2020-07-31	200wh
0000 07 00	100 1



2.2 Battery

Step 1: This will display the battery's capacity, voltage and current as well as temperature.



Step 2: Click '*Battery*' to check highest and lowest historical voltage graphs of 60 days.



Step 3: Should there be problems with indications on PV, battery or load, an alarm message will be presented red color on *'Battery status'*

6:31		🕈 🔳
<	Monitoring	
PV	Battery	Load
 Battery volt 	age	24.1 V
 Battery curr 	ent	-1.3 A
Temperature	e	29.5 °C
 Battery stat 	us	Normal
 Charging st 	atus	Charging
 Discharging 	status	Discharging
60 day	s of energy consur	ned graphs
30	-	1.4.4. ⁴ .4.4
26		\otimes
24 22 8 ^{1/8} 8 ^{1/8} 6	and sold sold sold	Bros Bros Bros
		CC days
 Running day 	/S	55 day
 Running day Low voltage 	times	15 day

Step 4: Click '*Running days*' to access the date and corresponding data.

4:39		🗢 🗩
<	历史记录	
date	Minimum voltage	maximum
2020-08-18	29.0V	22.0V
2020-08-17	29.2V	22.4V
2020-08-16	29.4V	22.8V
2020-08-15	29.6V	23.2V
2020-08-14	29.8V	23.6V
2020-08-13	29.0V	22.0V
2020-08-12	29.2V	22.4V
2020-08-11	29.4V	22.8V
2020-08-10	29.6V	23.2V
2020-08-09	29.8V	23.6V
2020-08-08	29.0V	22.0V
2020-08-07	29.2V	22.4V
2020-08-06	29.4V	22.8V
2020-08-05	29.6V	23.2V
2020-08-04	29.8V	23.6V
2020-08-03	29.0V	22.0V ×
2020-08-02	29.2V	22.4V
2020-08-01	29.4V	22.8V
2020-07-31	29.6V	23.2V
0000 07 00		~~~~



2.3 Load

Step 1: In the Monitoring page, the load symbol lights up to confirm that the load is connected. Should this symbol be dark, than Load is disconnected. The load discharge status, as well as the load voltage, current and power are all presented.



Step 2: Click *'Load'*, transfer to the details page of load. Showing energy consumed graphs of 60 days.



Step 3: Click '*Running days*' to check the power and the corresponding data.

4::	39			?∎
<		历史记录	:	
	Device time	Ene	ergy consume day(wh)	d of the
	2020-08-18		140wh	
	2020-08-17		160wh	
	2020-08-16		140wh	
	2020-08-15		130wh	
	2020-08-14		240wh	
	2020-08-13		180wh	
	2020-08-12		270wh	
	2020-08-11		200wh	
	2020-08-10		270wh	
	2020-08-09		270wh	
	2020-08-08		190wh	
	2020-08-07		190wh	
	2020-08-06		20wh	
	2020-08-05		110wh	
	2020-08-04		180wh	
	2020-08-03		230wh	\times
	2020-08-02		220wh	
	2020-08-01		160wh	
	2020-07-31		20wh	
			-	



3. Parameters Setting

3.1 Device param

Step 1: Click '*Param settings*' to enter setting page.



Step 2: Enter Device Parameters page and the current device parameters information will be displayed in 'Read'.

<	Param setting	5	
Device param	Battery param		Load param
• Param	Settings	•	Read
Device ID	1		1
Device time	2020-08-19 16:39:51	20)20-08-19 16:39:51
Backlight	0		0
Capcel	Param satti		Confirm
Cancel	Param setti		Confirm
Cancel	Param setti		Confirm
Cancel 2018	Param setti 06 17	11	Confirm
Cancel 2018 2019	Param setti 06 17 07 18	14 114	Confirm 37 38

3.2 Battery param

Step 1: Click on the *'Battery param'* and the current battery parameter information will be displayed in 'Read'.

1:58		🕈 🕞
<	Param settings	
Device param	Battery param	Load param
• Param	Settings	Read
Battery type	u	LI
LVD	23.5	23.5
advanced setti	ngs	*
LVR	24.5	24.5
CVT	21.3	21.3
CVR	21.5	21.5
0°C charge	Normal charging	
Rated voltage	ge of the system	24V
		\otimes



Step 2: The battery type includes lithium, Liquid, GEL and AGM battery. Click on the settings to change.

4:40		🕈 🔳
<	Param settings	
Device param	Battery param	Load param
• Param	• Settings	Read
Battery type	u	Ц
LVD	9.00	9.00
advanced setti	ngs	:
LVR	9.60	9.60
CVT	14.40	14.40
CVR	14.00	14.00
	Ц	
	Liquid	
	GEL	
	AGM	
	Cancel	

Step 3: You can set the Low Voltage Disconnect(LVD) by click on the settings.





Step 4: Relationship between rated voltage level and real voltage: When the rated voltage level is auto-identified, the real voltage indicated will be a value in the range of the current equipment level. When the identified level is 12Vdc, the effective real voltage indicated will be a value in the range of 12Vdc. When the identified voltage level is 24Vdc, the effective real voltage indicated will be a value in the range of twice of 12Vdc. (The corresponding Day/Night threshold voltage will also be twice of that used for 12Vdc).



3.3 Load param

Step 1: Enter the *'Param settings'* page, and click on the *'Load param'*. The load parameter information will be displayed.

Param settings Device param Battery param Load param Param • Settings • Read Work mode Manual - etailed Configuration Manual default open Load on	4:41		🕈 🔳
Device param Battery param Load param Param • Settings • Read Work mode Manual - Hanual - - Manual - - Load param - -	<	Param settings	
etailed Configuration	Device param	Battery param	Load param
Work mode Manual ¹ etailed Configuration Load on	• Param	 Settings 	Read
etailed Configuration	Work mode	Manual 🗎	
etailed Configuration Load on		Man	ual default open
	Detailed Configu	Iration Load	d on

Step 2: Click *'work mode'* to select the working mode (the option is determined by the actual device).





Step 4: Load mode - manual mode.
'Manual default ON', when the device is turned on, the load is open.
'Manual default OFF', when the device is turned on, the load is close.
The second soft key can open the load manually (by clicking on it).



Step 5: Work mode - *24H*, the load is always on mode.



Step 6: Work mode - *D2D* (Dusk to Dawn, mostly for use with solar street lamps), slide to setup D/N voltage, D/N delay range is 0-30Min.







2:12		🕈 💽
<	Param settings	
Device param	Battery param	Load param
• Param	Settings	Read
Work mode	D2D @	
•	D/N delay	
•	0	- 1
• 0-		60
	Confirm	
		×

Step 7: Work Mode - *Fixed lighting hours*. The light on time, Day/Night Threshold voltage and Day/Night delay time can be set.

4:41 <	Param settings	🕈 🔳
Device param	Battery param	Load param
• Param	 Settings 	Read
Work mode	Fixed hour	
D/N volts		8.00 V >
 D/N delay 		ом >
Hours		2 H >



4. Other Actions

4.1 Device Password

Click on the "device password" to set a password for the device. Note: After setting the password, when entering the App for sending a first time instructions, a password will be required. Password format: 4 digits

Solar life	
Change Language	
Instr Password	>
Please enter your password	>
Clea Cancel Confirm	>
change bluetooth name	>
Demo mode	>
Communication choices	>
Send test key	>
Factory adjust	>
Communication choices Monitoring Other	actions

4.2 Other operations

You can send test button, clear historical data, parameters recovery to factory default and so on. When sending out data though App for a first time will require that a password must be entered first.

