Install and commission Solar for everybody



Install and commission Solplanet inverters with App





3 steps to install Solplanet inverter

- 1. Watch installation video (10 min)
- 2. Download App
- 3. Install inverter & connect with app
 - a. WIFI configuration
 - b. Set grid code
 - c. Export power limitation
 - d. Local mode (changing gird code without WiFi)
 - e. Creat & Share plant





10 min installation video

Easy-to-install instruction watch a 10 min video on Solplanet YouTube <u>here:</u>





Three phase inverters







Solplanet App

To download the app search "AISWEI" in the App store or use the links below:











Install inverter and connect with App

Using the local WiFi network at the client

Commission the inverter to the AISWEI/Solplanet cloud



WIFI Configuration Solplanet inverters with App





WIFI Configuration



1. Open WLAN

2. Choose the customer's network

3. Open Aiswei APP then click Installation



Intelligent network configuration



5. Scan QR code on WIFI stick 6. Enter Password then Click OK

7. Wait the process

8. Connect successful



Hotsport network configuration



🖞 "....l 🖓 🖬 🙉 🚥 Select DMS mode Please check the signal light status of the acquisition rod and select the corresponding distribution network mode. Intelligent network configuration After the device is started, the green light flashes rapidly. Please make sure the smart terminal is connected to the router or mobile phone hotspot. Hotspot network configuration After the equipment is started for more than 5 minutes, the installation will exit and the hot distribution network will be opened. Please get close to the equipment. * The Intelligent network configuration has the possibility of failure, and the Hotspot network configuration is more reliable. Please note that failure of installation does not mean that there is a fault **Device to use with AiSWEI** AISWEI-0028 Encrypted CANCEL

6. Choose the WiFI (4 digits are same with the stick SN last 4

digits)

5. Scan QR code on WIFI stick 7. Choose your local WiFi and enter password, then click OK

Skip, enter settings >

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configuration

Enter WiFi password

g/n standard 2.4G network.

Network

Password:

Name:

Please enter a network to connect your

device. The device only supports 802.11b/

Select network

Enter WiFi password



Thtelligent network

configuration

Connect successful

Device Serial

Registration

Number

Code

Software

Version

Service Point

System Time

The equipment information is as follows

B300020A0255

19B01-0019R

cn-shanghai

Enter settings

Network configuration successful

15:24 23/04/2021

YPEXXLGFXHSTTVYP

Solplanet inverters with App





Set Grid Code





Set Grid Code



4. Click Grid Standards Settings



5. Choose the grid code required then click OK

Export power limitation Solplanet inverters with App



Export power limitation



Single phase export limit control with *Eastron* single phase meter



Scenario	House Consumption	PV Generation	Power Export
Zero Export	2 lau	2kw	0
2kw Export	ZKW	4kw	2kw

Eastron meter

Model	SDM230-Modbus
Voltage range	176-276V AC
Max. Current	100A
Power consumption	<10W/10VA
Frenquency	50/60Hz
Operating Temp	-25°C to +55°C
Relative humidity	0 to 95%, non- condensing
Communication	RS485 Modbus





Wiring Diagram

L-in/N-in: connect to grid side L-out/N-out: connect to inverter side A/B:

Inverter 2pin terminal







Export power limitation





Export power limitation

nverter List	>
WLAN	>
Firmware Update	21101-005R >
Tool	>
Monitor Device Details	>
Connected cloud platform:	•
Time: 202	21-03-21 16:00:53 0
Reset Monitor	C
Restart Monitor	U

5. Back to Monitor Device Details, Click Zero Export Setting 6. Choose Meter mode, Active Meter Switch and Enable Switch, Enter Target Power, then Click Submit

Please make sure that the active power control of all the Inverters under it is enabled. Otherwise, the overter will not respond to the active power control

Export Control

DM630CT

0.00

0

Meter model

Meter Switch:

Enable switch

PF target value

Target power

E-total In (kWh)

E-total Out (kWh)

Power

PF enable

If there is issue for communicating between inverter and smart meter, please check the settings in meter. it should be:

Modbus address: 001 Baud rate: 9600 Parity: none Stop bits: 1

If it is not, please set it as above

Local mode Solplanet inverters with App





Local mode



1. Choose the inverter WiFi, ASW-XXXX. XXXX is the 4 last digits of WiFi stick Series Number. The password is Registration Code, both on the lable of WiFi stick

2. Open APP and choose Local mode

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Demo plant

Local mode Installation

AISWEI

tracy.ma@aiswei-tech.com

Login

3. Choose the Stick we need, if it does not show, please click Scan device

4. Grid Code and parameter setteings are in then Inverter List





Create plant Solplanet inverters with App





Create Plant



1. Click Login, if you don not have account, please Click Register







2. Click +



Create Plant



4. Scan QR code on WIFI stick



5. Enter other information then Click OK

6. Plant are created successfully

Power station group

Power station list

101873/20190814 Pr...

Current Power: 3.73 kW Yield Today: 6.90 kWI

Total Yield: 6.39 MW

PV20200449 Adam S

Current Power: 3.20 kW Yield Today: 5.90 kWh

Total Yield: 315.20 kWh

Current Power: 3.06 kW

Yield Today: 61.30 kWh

Total Yield: 5.56 MWh Marynette & Efren

Current Power: 0.00 W

Yield Today: 0.00 kWh Total Yield: 3.20 kWh 愛士推 Created successfully

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Solplanet inverters with App





Share Plant



1. Click Login



2. Choose the Plant to be shared







Share Plant





Solar for everybody

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