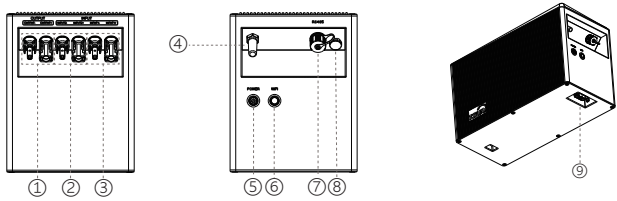


PACKING LIST

|                     |                          |                 |                 |
|---------------------|--------------------------|-----------------|-----------------|
| DCU2000Lite         | DC Input Cable           | DC Output Cable | RS485 Connector |
|                     |                          |                 |                 |
| DC Connector Wrenth | Quick Installation Guide | Warranty Card   |                 |
|                     |                          |                 |                 |

INTERFACE INTRODUCTION



- ①:DC Output Port

②:PV Input Port 2

③:PV Input Port 1

④:Antenna

⑤:Power Button
- ⑥:WiFi Button

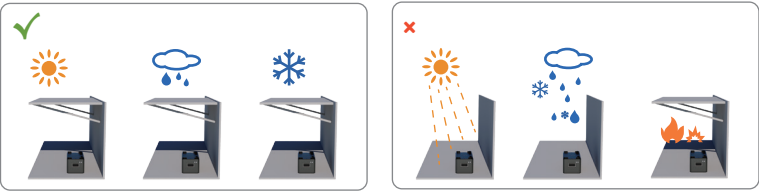
⑦:RS485 Port

⑧:Vent Valve

⑨:Expansion Port (Down)

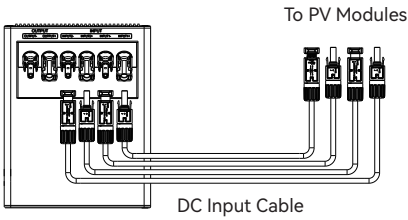
01 SELECT INSTALLATION LOCATION

Please keep the DCU2000Lite about 50mm away from the wall. Do not expose the device to direct sunlight, rain, or snow, and ensure that it is kept in well-ventilated conditions.

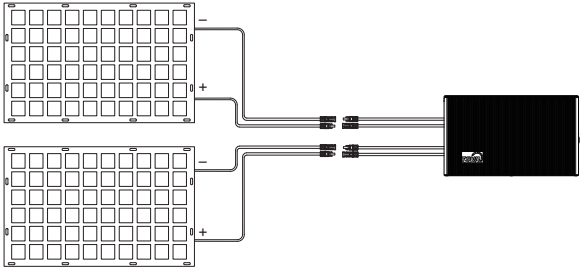


03 CONNECT TO PV MODULES

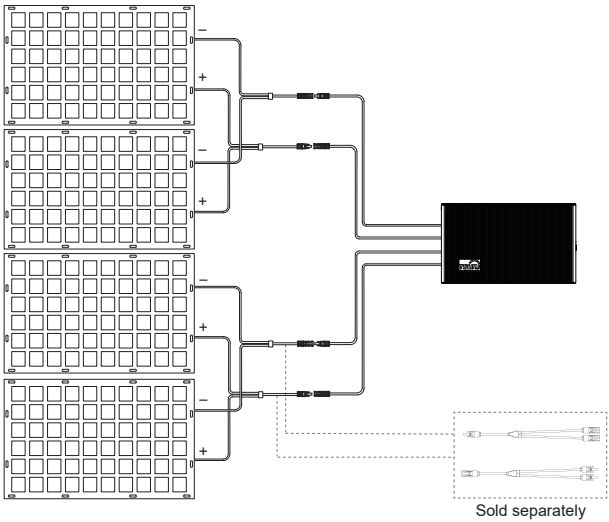
Connect PV modules to the DCU2000Lite with DC Input cables.



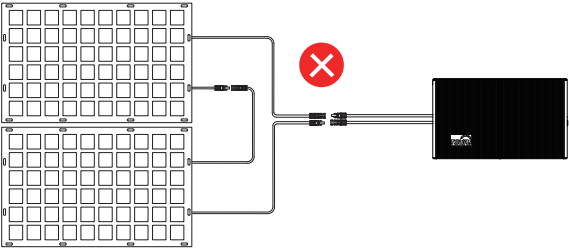
Application 1: Connect two PV modules to the DCU2000Lite



Application 2: Connect four PV modules to the DCU2000Lite

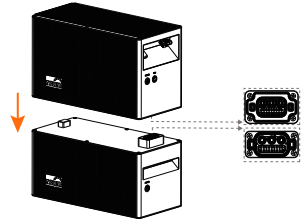


**Attention:**  
Please do not connect two PV modules in series because this causes the input voltage to exceed 60V and will damage the equipment.



02 CONNECT TO BATTERY PACK (OPTIONAL)

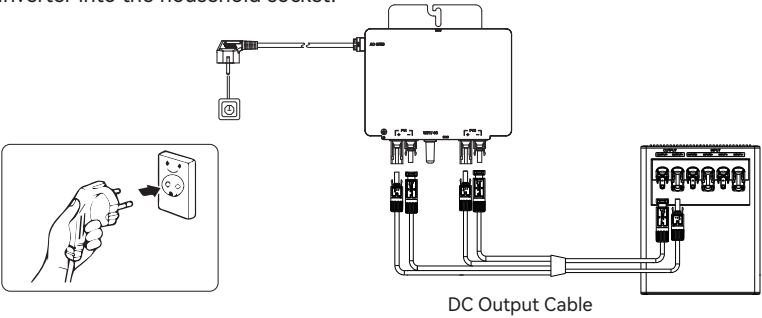
If you have DB2000Lite(1~4 units) and want to stack DCU2000Lite and DB2000Lite together, please remove the rubber plugs of DCU2000Lite&DB2000Lite, and stack DCU2000Lite on the expansion batteries.



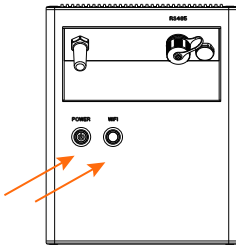
**Attention:**  
Do not remove the rubber plugs of the bottom device to avoid water damage.

04 CONNECT TO MICRO INVERTER

Connect micro-inverter to DCU2000Lite with DC output cable, then insert AC cable plug of micro inverter into the household socket.



05 INTRODUCTION OF BUTTON&INDICATORS



| Buttons/Indicators | Operation/Status | Description                                   |
|--------------------|------------------|-----------------------------------------------|
| Power Button       | Press for 3s     | Power on/off                                  |
|                    | Off              | No power                                      |
|                    | Steady on        | Charging/discharging normally                 |
|                    | Blink fast       | Fault                                         |
|                    | Blink slowly     | Standby                                       |
| WiFi Button        | Press for 5s     | Reset WiFi                                    |
|                    | Off              | Not connected to the router                   |
|                    | Steady on        | Connected to the server                       |
|                    | Blink fast       | Bluetooth networking process                  |
|                    | Blink slowly     | Connected to the router but not to the server |

HOW TO SHUT DOWN THE WHOLE SYSTEM

- 1

Unplug the AC cable plug of the micro-inverter from the household socket.
- 2

Press and hold the Power Button for 3 seconds to turn off of the DCU2000Lite.
- 3

Disconnect micro-inverter from the unit's DC output port.
- 4

Disconnect PV modules from the unit's PV input ports.



User Manual



Declaration of Conformity (DoC)

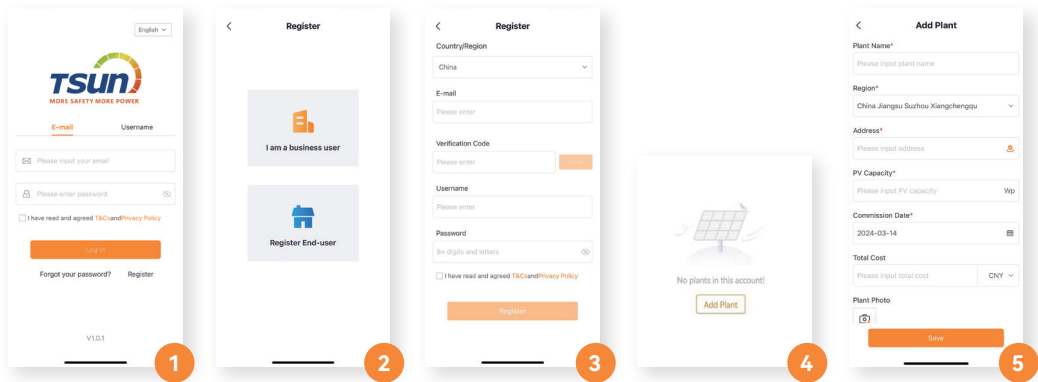
TSUNESS Co., Ltd  
E-MAIL : sales@tsun-ess.com  
WEB : www.tsun-ess.com  
TEL : +86-512-66186028





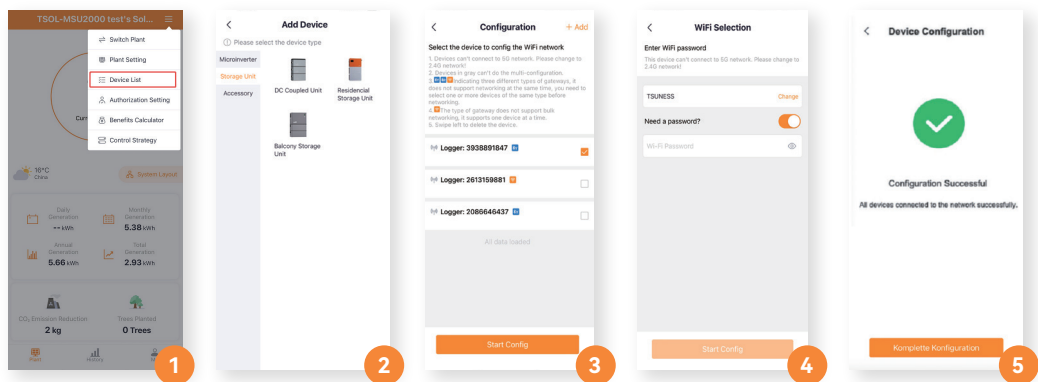
01 ACCOUNT REGISTRATION & PLANT CREATION

- 1 Click “Register” to create your account
- 2 Choose “End-user”
- 3 Fill in all registration details and click “Register”
- 4 Log in and click “Add Plant”
- 5 Fill in all plant details and click “Save”



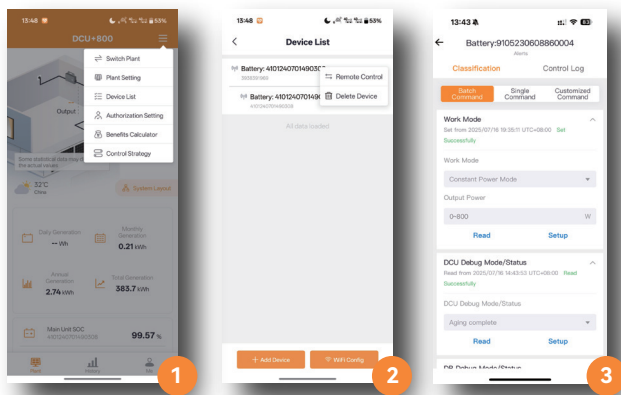
02 ADD DEVICE & CONFIG WIFI NETWORK

- 1 Click “Device List” on the homepage
- 2 Click “Add Device” and choose “SolarCan”, then scan the QR code on the right of the unit
- 3 Click “WiFi Config” on the device list page, then select the logger and click “Start Config”
- 4 Select Wi-Fi(2.4GHz) and enter the password
- 5 After configuration completed, relevant data will be shown in 10 mins



03 SETTINGS & WORK MODE

- 1 Click “Device List” on the homepage
- 2 Click “...” beside the serial number and click “Remote Control”
- 3 Complete the basic setting and work mode settings



04 INTRODUCTION OF SETTINGS

|                   |                     |                                                                                                                                                         |
|-------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Work Mode Setting | Constant Power Mode | The device outputs at a settable constant power.                                                                                                        |
|                   | Smart Plug Mode     | The device outputs based on the load power of the smart socket.                                                                                         |
|                   | Smart Meter Mode    | The device outputs based on the power read from the smart meter, which is compatible with single/-three-phase meters using WiFi or RS485 communication. |
|                   | Time-of-Use Mode    | Supports up to 6 time periods for settable constant power output; Output power is 0W outside these periods.                                             |