Manuals+ — User Manuals Simplified.

DCU1000 DC Switching Unit

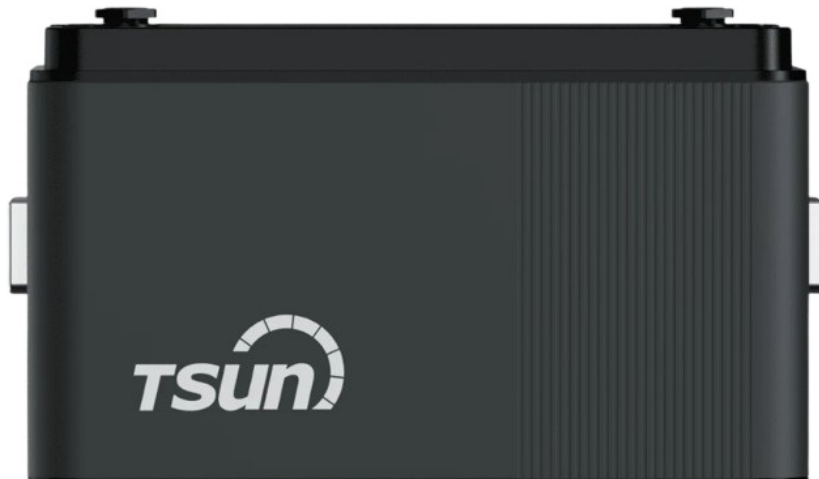# Tsun DCU1000 DC Switching Unit Installation Guide

Contents

Tsun DCU1000 DC Switching Unit

Product Usage Instructions

Installation

1. Balcony Storage System Installation:
    1. Unscrew the caps of both connectors on DCU1000 counterclockwise.
        - Blue connector for the input port.
        - Black connector for output port.
    2. Press and hold the Power button for about 2s to power on DCU1000.
2. Portable Power Station Installation:
    1. Press and hold the Power button for about 2s to power on DCU1000.
    2. Press the button to power on P1000.

Power LED Status

- Power on, self-test: blinking.
- No charging and discharging: steady on.
- With charging, no discharging: 3s on, 1s off.
- With discharging, no charging: 1s on, 3s off.
- With charging and discharging: 1s on, 1s off.

WIFI LED Status

- Not connected to the router: off.
- Connected to the router but not to the server: blinking every 1 second.
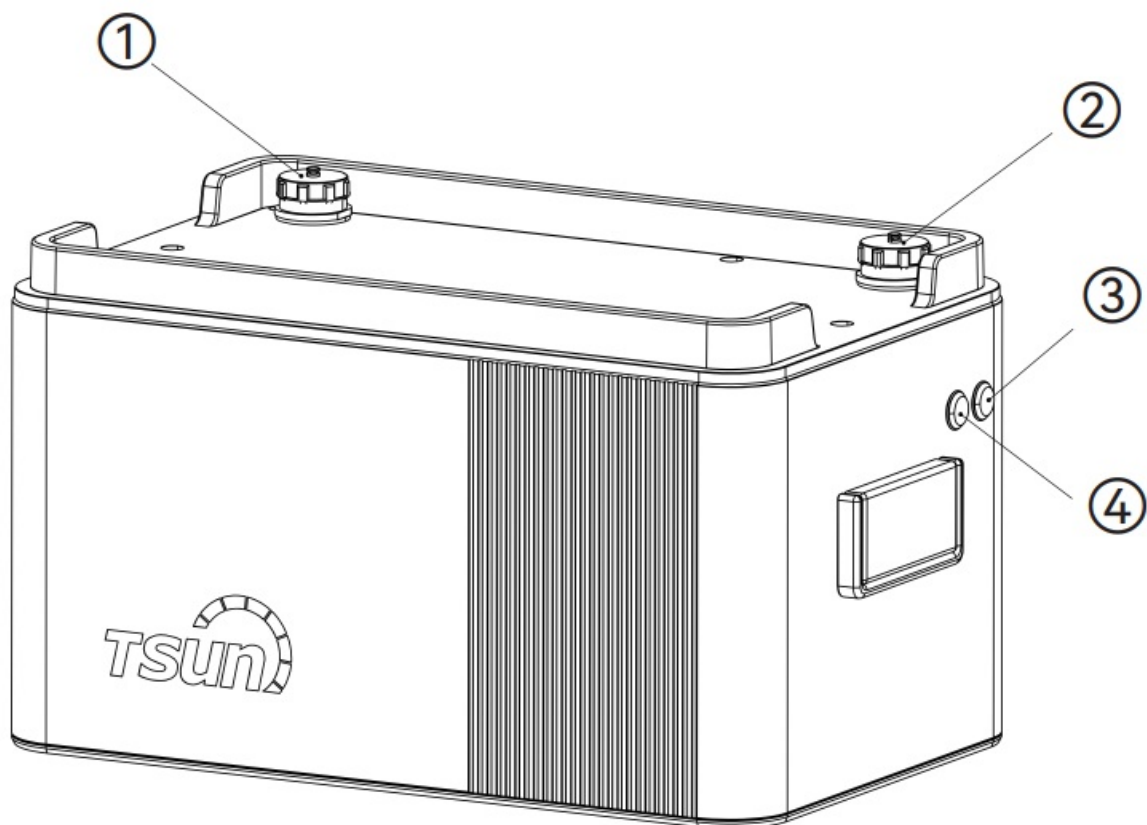- Connected to the server: steady on.

Note

Do not expose the device to direct sunlight, rain, or snow. Ensure it is kept in well-ventilated conditions. Power off all DCU1000 units in the same system before disconnecting any from other units.
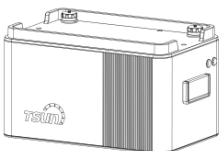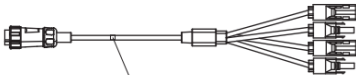
FAQs

- **Q: How many units of DCU1000 can be stacked on each other?**
    - A: You can stack up to 5 units of DCU1000 on each other. Refer to the provided pictures for guidance.
- **Q: Is the USB port on P1000 compatible with all iPhone models?**
    - A: The USB port on P1000 might not be compatible with some iPhone models. In such cases, use an iPhone adaptor and plug it into the socket of the P1000.
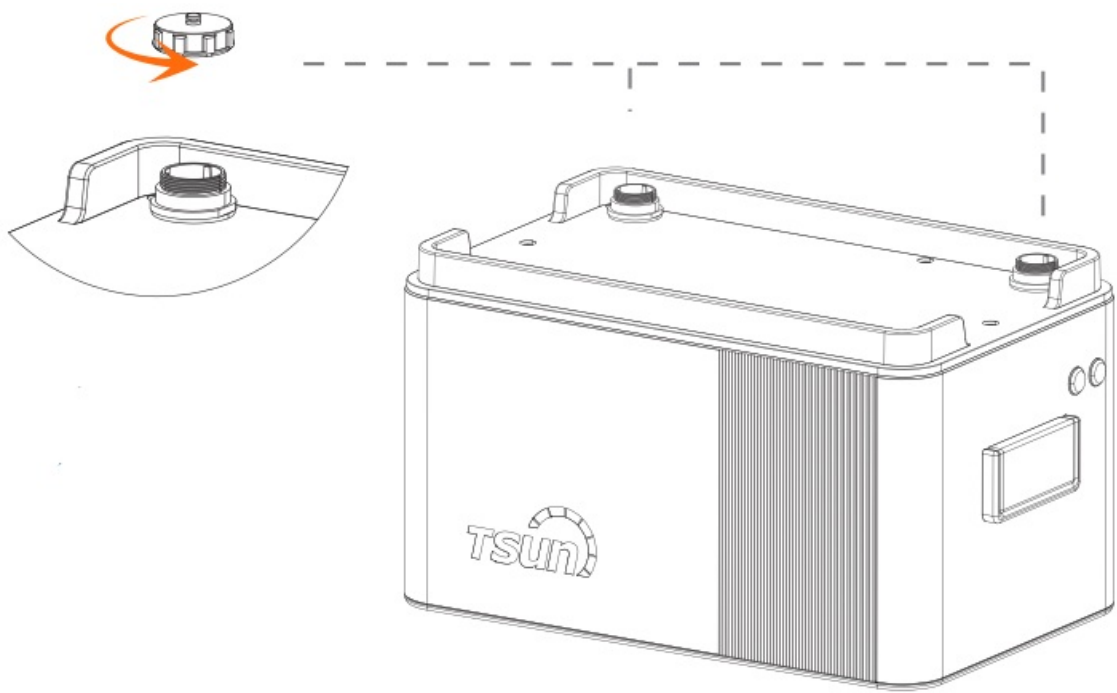
OVERVIEW

1. PV Input
2. DC Output
3. WIFI
4. Power Button

DCU1000 Packing List

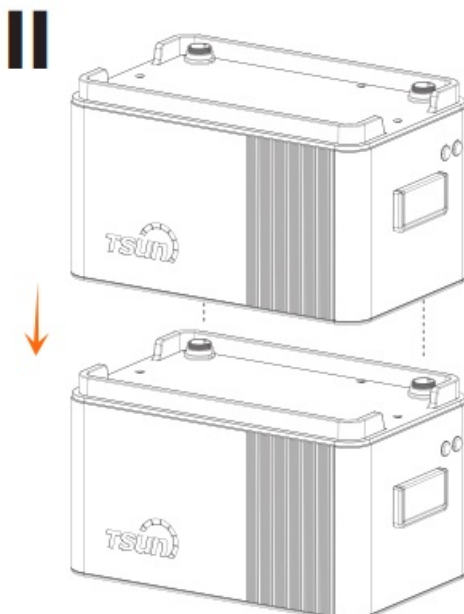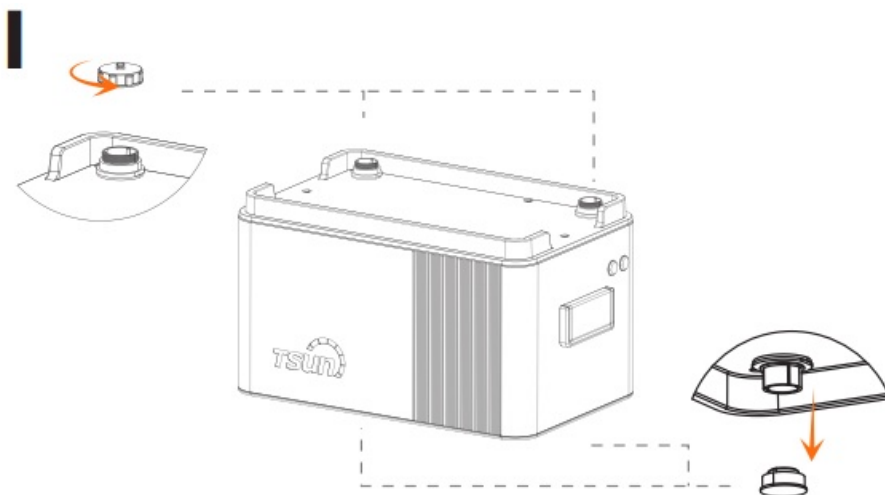| DCU1000	PV Connecting Cable	Microinverter Cable
	Input	Output

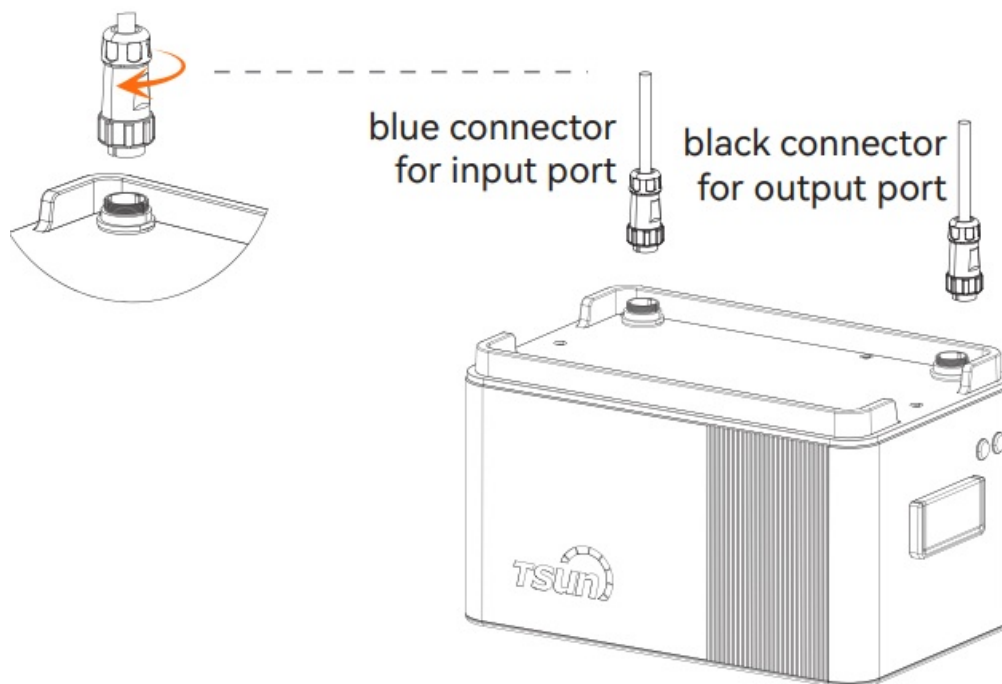## Installation

Balcony Storage System Installation

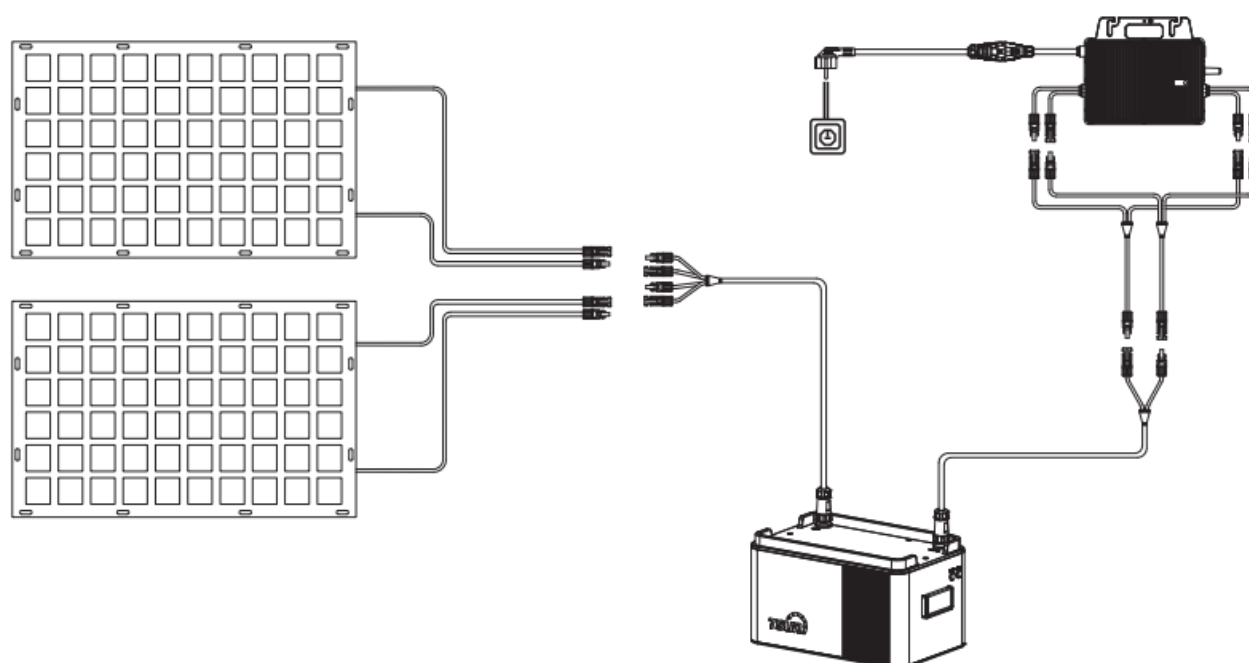Unscrew the caps of both connectors on DCU1000 counterclockwise.

Note: if you have two or more DCU1000(Max 5 units) and want to stack DCU1000 on each other, please refer to below 2 pictures.
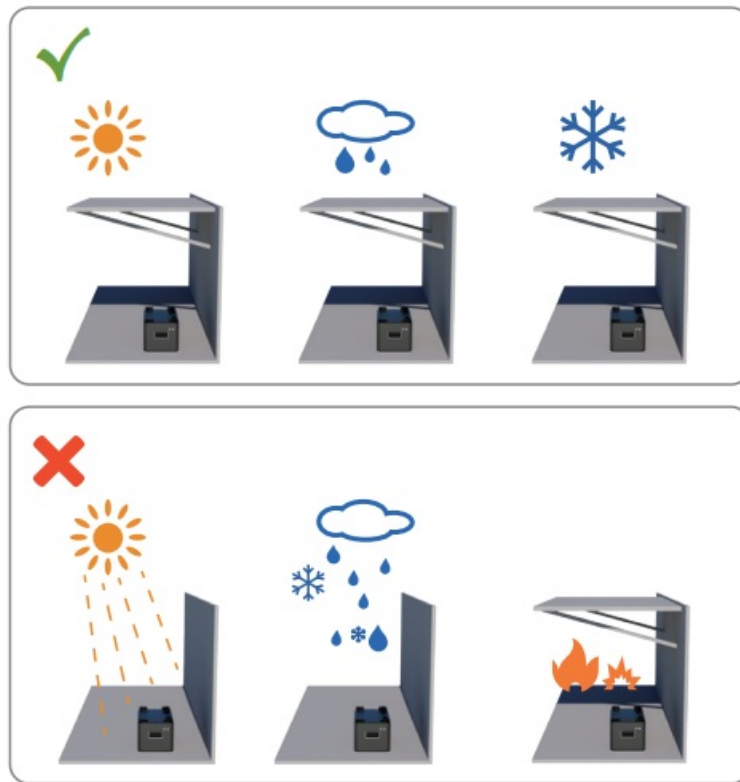
Power off all DCU1000 in the same system before disconnecting DCU1000 any from other units.
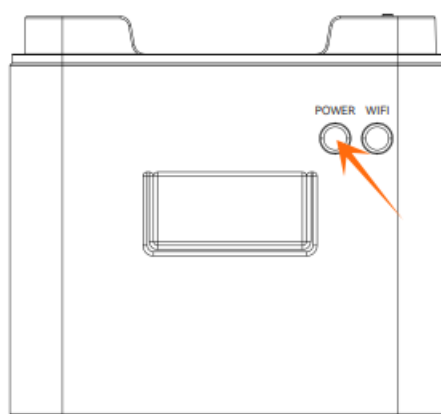
blue connector
for input port

black connector
for output port

3

Note Please do not expose the device to direct sunlight, rain, or snow, and ensure that it is kept in well-ventilated conditions.
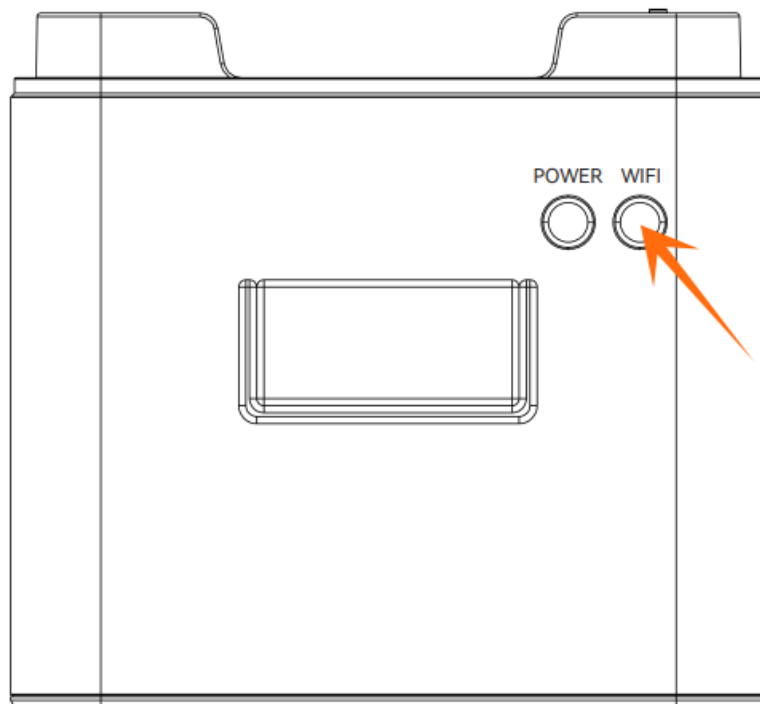
Power LED status

Press and hold the Power button for about 2s, and then release to power on DCU 1000 .

- Power on, self-test: blinking;
- No charging and discharging: steady on;
- With charging ,no discharging: 3s on, 1s off;
- With discharging, no charging: 1son, 3s off;
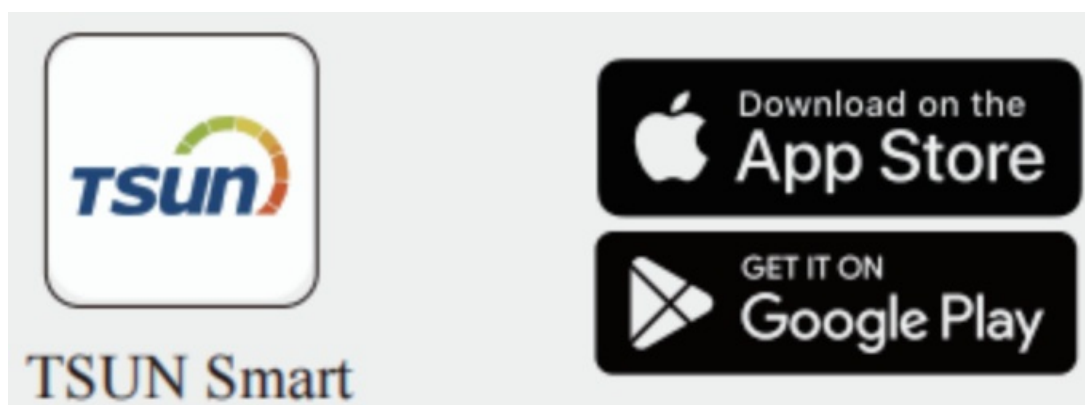- With charging and discharging: 1s on, 1s off.

WIFI LED Status

1. Not connected to the router: off;
2. Connected to the router but not to the server: blinking every 1 second ;
3. Connected to the server: steady on;

MORE INFORMATION

After powering on DCU1000, please refer to TSUN Smart APP quick guide and finish APP setup.

EU Declaration
of Conformity
(DOC)

Full Manual

CONTACT INFORMATION

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Documents / Resources

Tsun DCU1000 DC Switching Unit [pdf] Installation Guide
P1000, DCU1000 DC Switching Unit, DCU1000, DC Switching Unit, Switching Unit, Unit

References

- **ESS | K-12 Education Personnel & Management Solution**
- **No.1 Powerful Microinverter Manufacturer - TSUN**
- **User Manual**