

RENOGY

VERSION A0

Temperature & Humidity Sensor



User Manual

The Temperature & Humidity Sensor works intelligently with Renogy ONE to communicate with other devices.

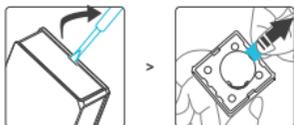
- ⓘ The other devices should support Zigbee 3.0 protocol. Detailed information is in accordance with the final product.

Operation Instruction

1 Download the DC Home app.

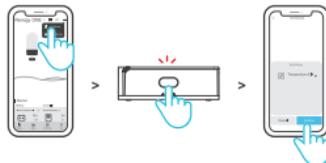


2 Pull out the battery insulation sheet.



3 Add Temperature & Humidity Sensor to Renogy ONE.

- ⓘ Prior to adding Temperature & Humidity Sensor to Renogy ONE, make sure that Renogy ONE has been paired with the DC Home app. For details, see the [User Manual of Renogy ONE](#).



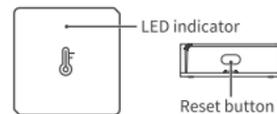
On the DC Home app, tap "+ > Add Device" in the upper right corner of the interface. Long press the reset button on Temperature & Humidity Sensor for 5s until the LED indicator flashes three times. This means the Temperature & Humidity Sensor has entered the pairing mode. Wait until the pairing mode completes.

- ⓘ If adding Temperature & Humidity Sensor to Renogy ONE fails, move the sensor closer to Renogy ONE and redo the adding.

Specifications

Model	SNZB-02
Battery model	CR2450 (3V)
Wireless connection	Zigbee (IEEE 802.15.4)
Working temperature	14°F-104°F (-10°C-40°C)
Working humidity	10-90%RH (non-condensing)
Material	PC
Dimensions	1.69 x 1.69 x 0.55 inch (43 x 43 x 14 mm)

Product Introduction



Features

The Temperature & Humidity Sensor featuring low-energy Zigbee can be used to monitor the environment temperature and humidity in real time. By connecting it with Renogy ONE, you can create a smart scene to control other devices.



Low energy



Smart scene



Temperature and humidity monitoring



Low battery notification

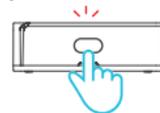
Connect multiple sensors concurrently to Renogy ONE



Power on Renogy ONE, and set the sensor to pairing mode. Choose Renogy ONE on the DC Home app, tap "+ > Add Device". Tap the sensor to add it to Renogy ONE.

Delete Sensor from Renogy ONE

To disconnect the sensor from Renogy ONE, long press the reset button on the sensor for 5s until the LED indicator flashes three times successfully.



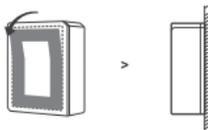
- ⓘ Alternatively, you can long press the sensor on the DC Home app to delete it from Renogy ONE.

Installation methods

- 1 Place the sensor on the desktop for use.



- 2 Tear off the protective film of the 3M adhesive and stick the sensor on the target installation position.



- 3 Do not install the sensor on a metal surface, otherwise the wireless communication will be undermined.
- 4 The device weight is less than 1 kg. The installation height of less than 2 m is recommended.

FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Disclaimer

- Renogy ensures the accuracy, sufficiency, and the applicability of information in the user manual at the time of printing due to continual product improvements that may occur.
- Renogy assumes no responsibility or liability for personal and property losses, whether directly and indirectly, caused by the user's failure to install and use the product in compliance with the user manual.
- Renogy is not responsible or liable for any failure, damage, or injury resulting from repair attempts by unqualified personnel, improper installation, or inappropriate operation.
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Renogy Empowered

Renogy aims to empower people around the world through education and distribution of DIY-friendly renewable energy solutions.

We intend to be a driving force for sustainable living and energy independence.

In support of this effort, our range of solar products makes it possible for you to minimize your carbon footprint by reducing the need for grid power.

Live Sustainably with Renogy

Did you know? In a given month, a 1kW solar energy system will...

- Save 170 pounds of coal from being burned
- Save 300 pounds of CO₂ from being released into the atmosphere
- Save 105 gallons of water from being consumed

Renogy Power PLUS

Renogy Power Plus allows you to stay in the loop with upcoming solar energy innovations, share your experiences with your solar energy journey, and connect with like-minded people who are changing the world in the Renogy Power Plus community.



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