

## MoesGo BHT-002-GBLWW-MG

# MoesGo Wi-Fi Floor Heating Thermostat BHT-002-GBLWW-MG User Manual

Model: BHT-002-GBLWW-MG

## 1. INTRODUCTION

This user manual provides comprehensive instructions for the MoesGo Wi-Fi Floor Heating Thermostat, Model BHT-002-GBLWW-MG. This device is designed to control electric underfloor heating systems, offering both manual and smart control options. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Manual and Automatic Control:** Operate the thermostat manually or connect to a Wi-Fi network for control via a smartphone application.
- **Electric Underfloor Heating:** Specifically designed for 16A electric underfloor heating systems.
- **Data Retention:** Features anti-stop protection to retain date, language, address, and time zone settings during power interruptions.
- **Voice Control and Device Sharing:** Compatible with voice assistants like Amazon Alexa and Google Home. Supports device sharing for multi-user access.
- **Programmable Scheduling:** Offers six programmable intervals for weekdays and weekends (5+1+1 day modes) to optimize heating schedules.
- **Precise Temperature Control:** Provides accurate temperature control within 0.5°C, with a programming range of 5-35°C.
- **User Interface:** Equipped with an LCD display and touch buttons for clear readability and ease of use.

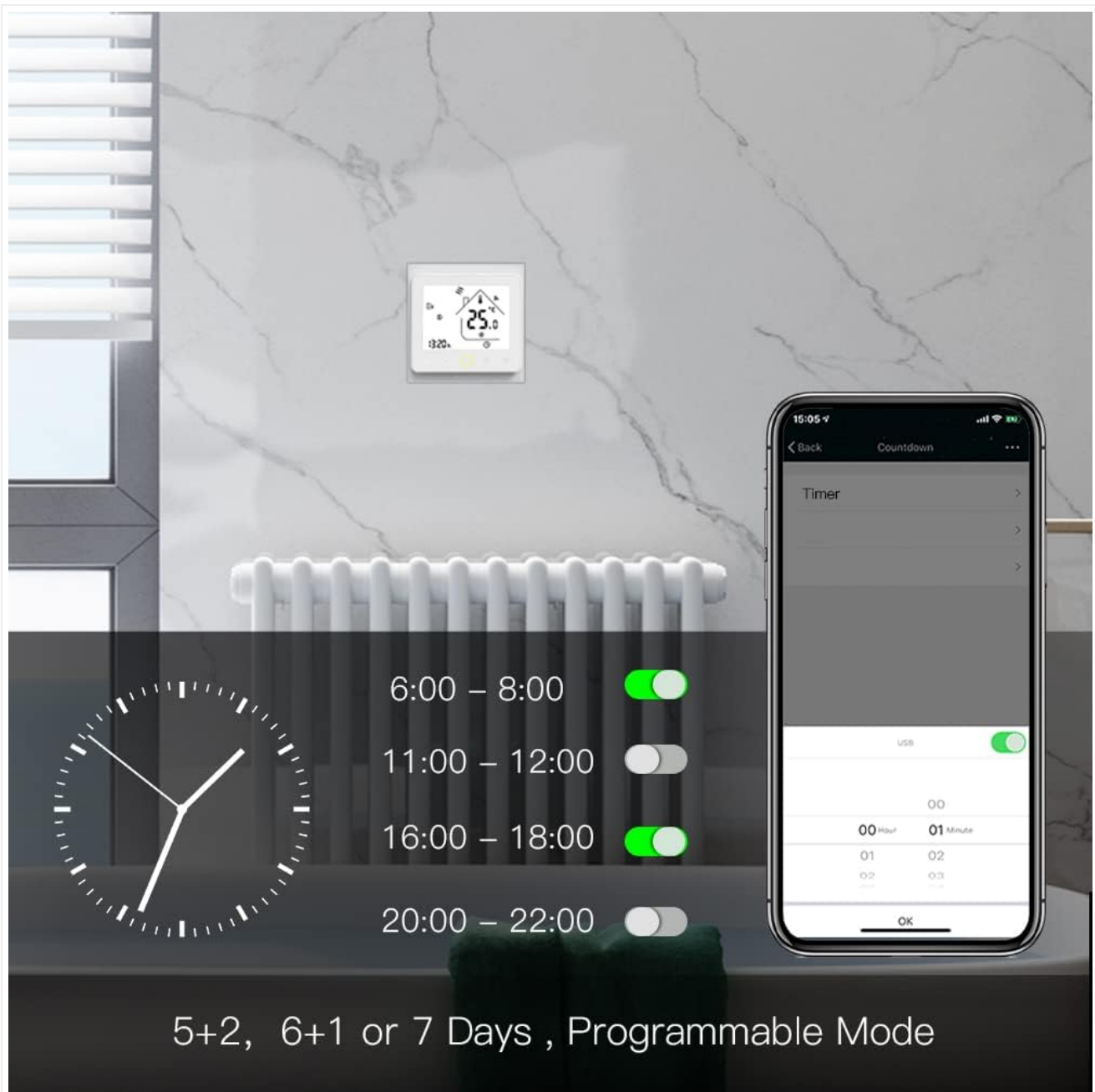


Image: MoesGo Thermostat displaying its key features such as LCD display, temperature setting, 6-period programming, 5+2 programmable mode, app control, device sharing, power-off memory, and manual/auto mode.

## 2.2 Package Contents

- Thermostat (1 pc)
- Screws (1 pc)
- User Guide (1 pc)
- QC Certificate (1 pc)
- Floor Sensor (2.5m) (1 pc)

## 2.3 Product Dimensions

The thermostat measures approximately 86mm x 86mm x 50.1mm (3.39in x 3.39in x 1.97in) with a mounting depth of 24.4mm (0.96in).

# Product Size

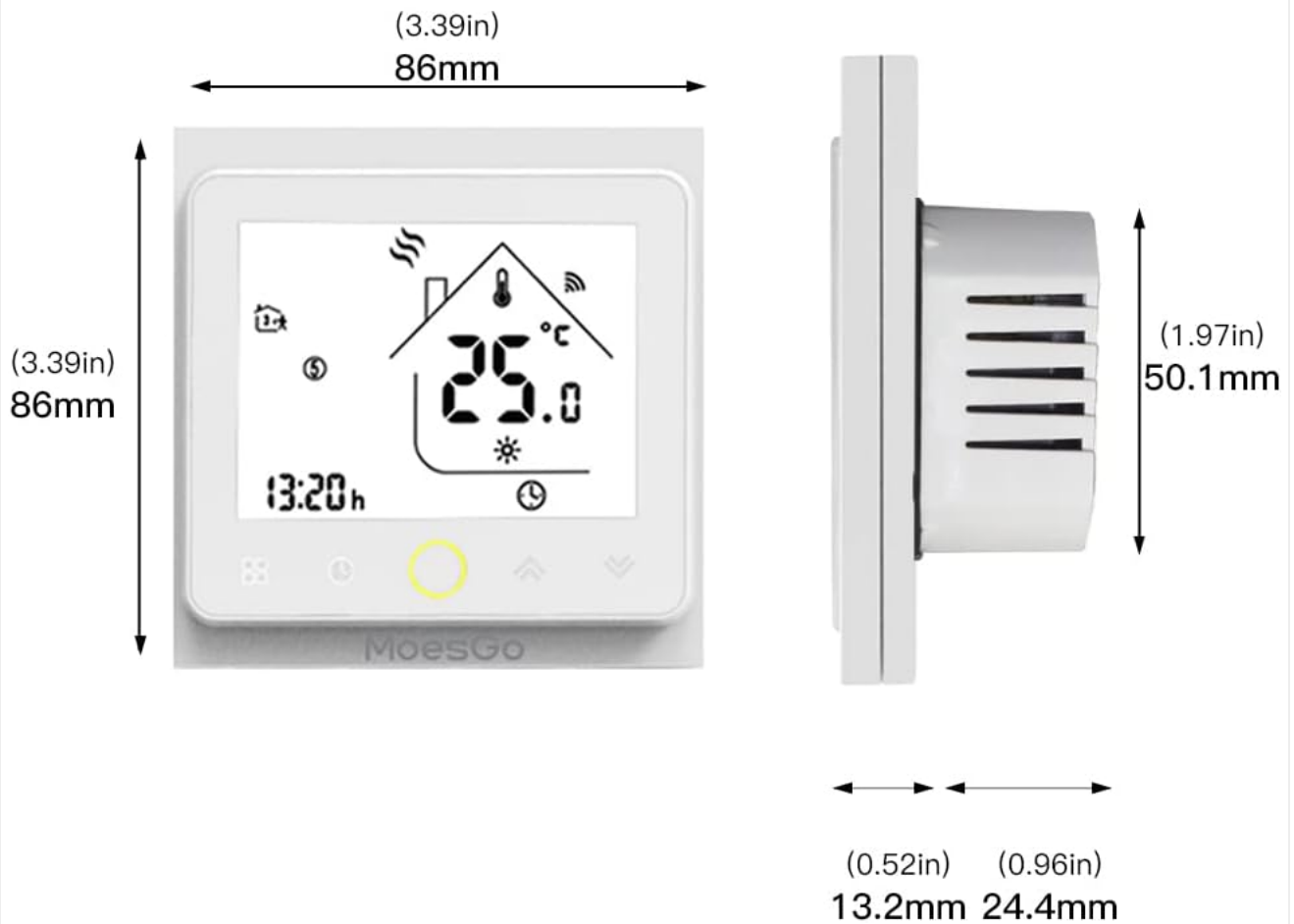


Image: Diagram showing the front and side dimensions of the MoesGo thermostat, indicating 86mm width and height, and 50.1mm total depth with a 24.4mm mounting depth.

## 3. INSTALLATION AND SETUP

### 3.1 General Installation Guidelines

The thermostat requires a 2.4GHz Wi-Fi connection for smart features. It can be installed in a standard junction box or a 60 mm European format connection box. For optimal display visibility, install the thermostat at a height of 1.2 to 1.4 meters from the floor.

# Wiring Instructions

## Applicable type: GB For Electric Heating

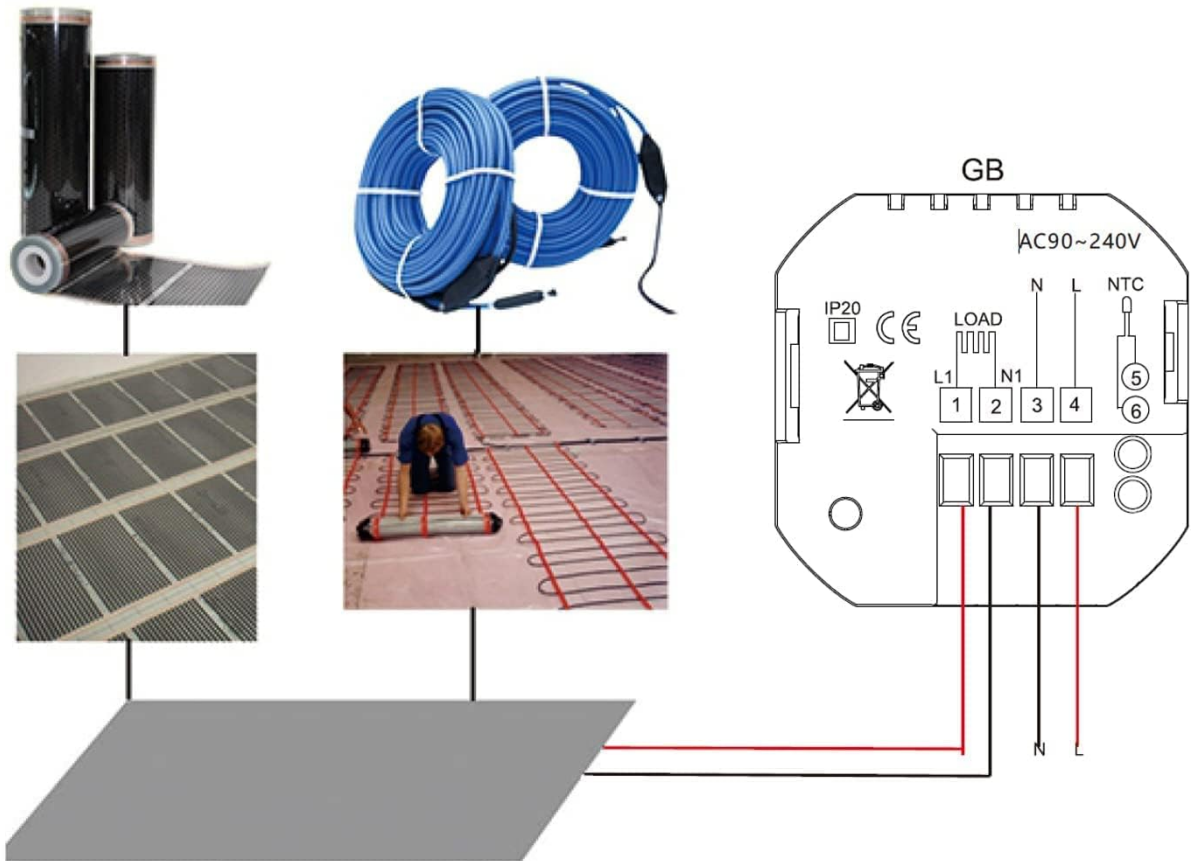


Image: Illustration demonstrating the recommended installation height for the thermostat, showing it positioned between 1.2 and 1.4 meters from the floor for clear viewing.

### 3.2 Wiring Instructions

This thermostat is designed for electric heating systems (GB type). Refer to the wiring diagram for correct connection. Ensure power is disconnected before performing any wiring.



Image: Wiring diagram for the MoesGo GB type thermostat for electric heating, showing connections for AC90-240V (N, L), Load (1, 2), and NTC sensor (3, 4).

### 3.3 System Type Identification

The MoesGo thermostat series includes different models for various heating systems:

- **GA:** For underfloor water heating systems.
- **GB:** For underfloor electric heating systems (this model).
- **GC:** For water/gas boiler heating systems.

Ensure you have the correct model (GB) for your electric underfloor heating.



# Various System Type

- ⦿ GA is for underfloor water heating
- ✔ GB is for underfloor electric heating
- ⦿ GC is for water/gas boiler heating



Image: Visual representation of different heating system types (GA for water, GB for electric, GC for boiler) and their corresponding thermostat applications.

## 4. OPERATION

### 4.1 Manual Control

The thermostat can be operated directly using the touch buttons on its front panel to adjust temperature settings and modes.

### 4.2 Smart Life App Control

Connect the thermostat to your Wi-Fi network to enable remote control via the Smart Life app on your smartphone. This allows you to adjust heating settings from anywhere.



“alexa, set room temperature to 25 degrees”

OK!!

## Voice control

Compatible with Amazon Alexa and Google Home to voice your devices on the socket.

Image: A person using a smartphone app to remotely control the MoesGo thermostat, illustrating the Wi-Fi connectivity and convenience of app-based temperature management.

### 4.3 Voice Control Integration

Integrate the thermostat with Amazon Alexa or Google Home systems for hands-free voice control of your heating. Simply use voice commands to adjust the room temperature.

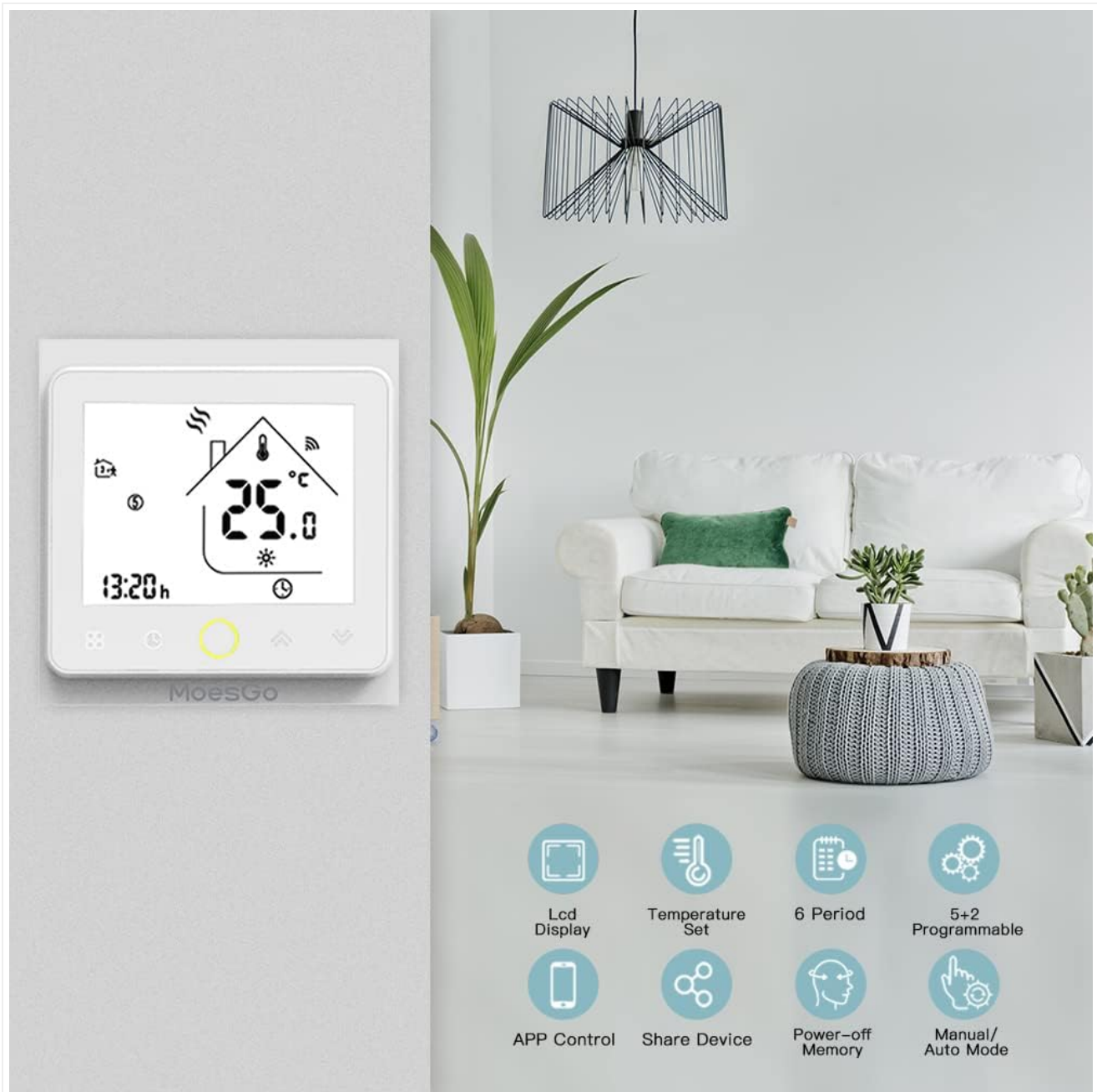


Image: A person interacting with smart speakers (Amazon Alexa and Google Home) to control the MoesGo thermostat using voice commands, demonstrating its compatibility with popular voice assistants.

#### 4.4 Programmable Modes

The thermostat supports programmable modes (5+2, 6+1, or 7 days) allowing you to set specific heating schedules for different times of the day and week. This helps maintain comfort and manage energy consumption.



# Installation Height

Need to be installed at the correct location (1.2–1.4 meters) for the display to show data clearly



Image: A visual representation of the thermostat's programmable mode, showing time slots (e.g., 6:00-8:00, 11:00-12:00) and an accompanying smartphone app interface for setting timers and schedules.

## 5. MAINTENANCE

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To maintain the thermostat, gently wipe the screen and casing with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure no liquids enter the device. Regular cleaning helps maintain optimal performance and appearance.

## 6. TROUBLESHOOTING

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If the thermostat is not functioning as expected, first check the power supply and Wi-Fi connection. Ensure the device is correctly wired according to the installation instructions. For persistent issues, consult the manufacturer's support resources or a qualified electrician.

## 7. TECHNICAL SPECIFICATIONS



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Specification	Value
Brand	MoesGo
Model Number	BHT-002-GBLWW-MG
Colour	white&blue
Product Dimensions	3.76 x 8.6 x 8.6 cm; 282 g
Power / Wattage	3.84E+3 W
Voltage	240 Volts
Material	Polycarbonate (PC)
Special Features	Programmable
Manufacturer	WENZHOU NOVA NEW ENERGY CO.,LTD
Specific uses for product	Warmth, Heating
Connectivity technology	Wi-Fi
Included components	Thermostat, screws, user guide, QC certificate, floor sensor (2.5m)
Power source	Corded Electric

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact MoesGo customer service. Keep your purchase receipt for warranty claims.

### Related Documents - BHT-002-GBLWW-MG

	<a href="#">BHT-3000 Smart Thermostat User Guide</a> Comprehensive guide to the BHT-3000 smart thermostat, covering installation, setup, programming, smart home integration, and troubleshooting. Features Wi-Fi connectivity, app control via 'Smart Life', and compatibility with Amazon Echo and Google Home.
	<a href="#">MoesGo BHT-3000 Series Smart Thermostat User Guide</a> Comprehensive user guide for the MoesGo BHT-3000 Series Smart Thermostat, covering features, installation, operation, and Wi-Fi connectivity for home heating systems.
	<a href="#">MOESGo Smart Thermostat User Manual</a> Comprehensive user guide for the MOESGo Smart Thermostat, covering installation, operation, and app integration for water and floor heating systems. Compatible with Smart Life/Tuya App, Alexa, and Google Home.

	<p><a href="#">MoesGo Smart Switch (Single Pole) WS-SY-US-L110 Instruction Manual</a></p> <p>Instruction manual for the MoesGo Smart Switch (Single Pole) WS-SY-US-L110. Covers product outline, specifications, installation, app setup, safety information, and FCC/IC compliance.</p>
	<p><a href="#">MoesGo Smart Switch Instruction Manual Wi-Fi+RF433</a></p> <p>Detailed instruction manual for the MoesGo Smart Switch (WS-EU-RF/WS-US-RF) with Wi-Fi and RF433 connectivity. Learn how to install, set up with the MOES App, integrate with Alexa, and manage multi-control associations.</p>
	<p><a href="#">MoesGo Smart Switch Wi-Fi+RF433 Single Live - Instruction Manual &amp; Installation Guide</a></p> <p>This document provides a comprehensive instruction manual for the MoesGo Smart Switch Wi-Fi+RF433 Single Live. It covers product features, detailed installation steps, app connectivity via Wi-Fi and Bluetooth, voice control integration with Alexa and Google Assistant, RF remote pairing, service information, and warranty details. Designed for easy setup and smart home automation.</p>