



Manuals.plus /

› AFYEEV /

› AFYEEV 11 kW EV Charging Station User Manual (Model: 11kW-8-16A-CEEBIGUA-001)

## AFYEEV 11kW-8-16A-CEEBIGUA-001

# AFYEEV 11 kW EV Charging Station

Model: 11kW-8-16A-CEEBIGUA-001

User Manual

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your AFYEEV 11 kW EV Charging Station. Please read this manual thoroughly before using the product and retain it for future reference.

## 2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the charging station and your vehicle:

- Ensure the charging station is connected to a properly grounded CEE 3-phase socket.
- Do not attempt to open, disassemble, or modify the charging station.
- Keep the charging station away from flammable materials, liquids, and gases.
- Do not use the charging station if the cable or connector is damaged.
- In case of emergency, use the emergency stop switch immediately.
- The charger includes multiple protection functions: overcurrent protection, earth protection, lightning protection, overvoltage protection, under-frequency protection, overheating protection, and earthing warning.
- The unit is IP65 rated for dust and water resistance, suitable for outdoor use in various weather conditions (-30°C to 50°C).

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x EV Charging Station
- 1 x Cable Holder

- 2 x RFID Cards
- 1 x Dishcloth (for cleaning)

## 4. SETUP

### 4.1 Physical Installation

The AFYEEV 11 kW EV Charging Station is designed for simple plug-and-play operation, requiring no complex wiring. It connects directly to an existing CEE 3-phase socket.

1. Select a suitable location for the charging station, ensuring it is within reach of your vehicle and a CEE 3-phase socket. The unit is IP65 rated, making it suitable for both indoor and outdoor environments.
2. Mount the charging station securely to a wall or suitable support structure using appropriate fasteners (not included).
3. Plug the charging station's CEE 3-phase plug into the existing CEE 3-phase socket.
4. Install the provided cable holder to manage the charging cable when not in use.



**Image:** The AFYEEV EV Charging Station is designed for safe outdoor use, featuring an IP65 rating for dust and water resistance,

and operating effectively in temperatures from -30°C to +50°C.

## 4.2 App Installation and Connection

The charging station can be controlled via a smart application. The recommended application is the Tuya Smart App.

1. Download the Tuya Smart App from your device's app store (iOS or Android) or scan the QR code provided on the product packaging or in the image below. Download Tuya Smart App
2. Register or log in to your account.
3. Ensure your smartphone's Bluetooth and Wi-Fi are enabled.
4. Follow the in-app instructions to add your EV charging station. The app will guide you through connecting via Bluetooth or Wi-Fi.

**Function: Bluetooth & WiFi, RFID Card, APP**

iOS Download

Android Download

Scan To Download APP

High-speed charging

Adjustable Current (8-16A)

RFID Card Enabled

Wifi connectivity

Delay charging time 1-15h

**Image:** The charging station offers smart control via Bluetooth and Wi-Fi using the Tuya Smart App, allowing for adjustable current, RFID card enablement, and delayed charging time settings.

## 4.3 RFID Card Setup

The included RFID cards provide an alternative method to start and stop charging, enhancing security and

convenience.

- The RFID cards are pre-configured for use with your charging station.
- To initiate charging, simply swipe an authorized RFID card over the designated RFID reader area on the charging station.
- To stop charging, swipe the card again.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Starting and Stopping a Charge

You can start and stop charging using either the RFID card or the smart application.

1. **Connect the Vehicle:** Plug the charging cable into your electric vehicle's charging port.
2. **Start Charging (RFID):** Swipe an authorized RFID card over the RFID reader on the charging station. The display will indicate that charging has begun.
3. **Start Charging (App):** Open the Tuya Smart App, select your charging station, and initiate charging through the app interface.
4. **Stop Charging (RFID):** Swipe the authorized RFID card over the reader again.
5. **Stop Charging (App):** Use the app interface to stop the charging session.
6. **Disconnect the Vehicle:** Once charging is complete or stopped, safely disconnect the charging cable from your vehicle.

# SWIPING CARD TO CHARGE

Easier to operate and safer to use

The electric vehicle charger supports smart card swiping, just swipe the smart card to start charging. And effectively prevent people from stealing electricity.




**Image:** Charging can be easily initiated by swiping an RFID card over the designated area on the EV charging station, providing a secure and straightforward method to start and stop charging.

## 5.2 Adjusting Charging Current

The charging current can be adjusted between 8A and 16A to suit your vehicle's requirements or available power supply. This can be done manually or via the app.


- **Manual Adjustment:** Use the physical buttons on the charging station to cycle through available current settings (8A, 10A, 13A, 16A). The station has a memory function for the last selected current.
- **App Adjustment:** Within the Tuya Smart App, navigate to the charging settings to select your desired current (8A-16A).

# Adjustable Current & Delayed Charging Time

> Easy to use 

**A** Ampere  
(with memory function)

< 8 10 13 16A >

 Time  
You can set the charging time according to your car situation

< 1 2 3 4 5 6...13 14 15H >

## Manual adjustment



**Image:** The charging station allows for easy manual adjustment of the charging current (8A-16A) and setting delayed charging times (1-15 hours) directly from the unit.

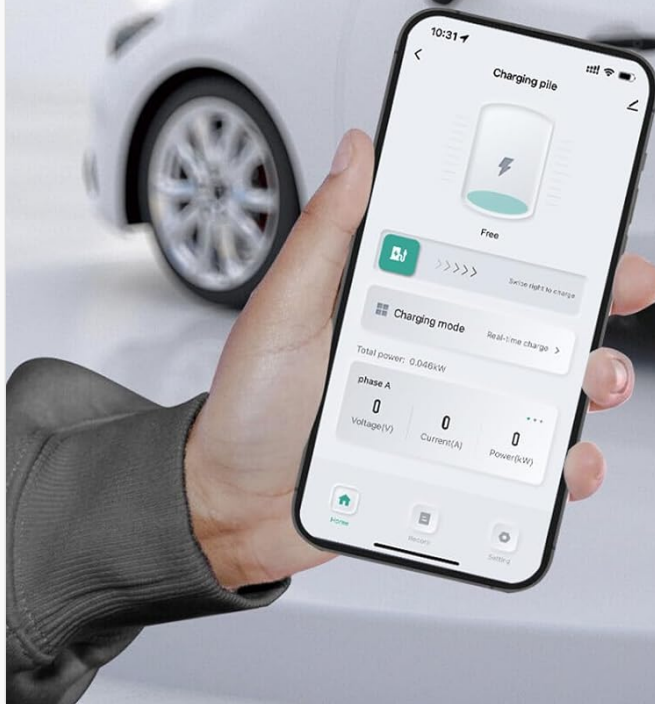
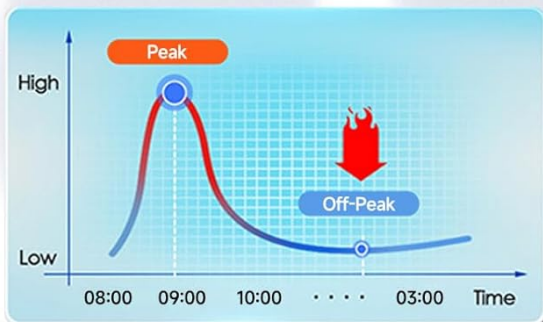
### 5.3 Scheduled Charging

Utilize the smart app to schedule charging sessions during off-peak hours to save on electricity costs.

1. Open the Tuya Smart App and select your charging station.
2. Access the "Scheduled Charging" or "Time Setting" feature.
3. Set your desired start and end times for the charging session.
4. Confirm the schedule. The charging station will automatically begin and end charging according to your settings.

# Scheduled Charging

Charge Off-Peak Time to Save Money



**App adjustment**  
Connect by Bluetooth or Wifi



**Image:** The smart app enables scheduled charging, allowing users to set specific times for charging, such as during off-peak hours, to optimize electricity costs.

## 5.4 Monitoring Charging Status

The large screen display on the charging station provides real-time information about the charging process.

- **Current (A):** Displays the active charging current.
- **Voltage (V):** Shows the real-time voltage.
- **Power (kW):** Indicates the current charging power.
- **Energy (kWh):** Tracks the total energy delivered during the session.
- **Temperature (°C):** Displays the internal temperature of the unit.
- **Status:** Shows the current operational status (e.g., "Standby", "Charging").

# LARGE SCREEN



EV CHARGER	📶	DELAY:00H
<b>16A</b>		0.000KWh
		00:00:00
380-440V	0.0A	0.0KW
23°C		11.8V
Standby.....		

You can clearly see the real-time information, real-time voltage, real-time power, selected current, and plug temperature and so on.

**Image:** The large screen on the EV charger provides clear, real-time information including current, voltage, power, temperature, and charging status, ensuring users can easily monitor the charging process.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your charging station.

- **Cleaning:** Use a soft, damp cloth (like the provided dishcloth) to clean the exterior of the charging station. Do not use abrasive cleaners or solvents. Ensure the unit is powered off before cleaning.
- **Cable Inspection:** Periodically inspect the charging cable and connector for any signs of wear, damage, or fraying. If any damage is found, discontinue use immediately and contact support.
- **Environmental Conditions:** While the unit is IP65 rated, avoid prolonged exposure to extreme weather conditions if possible. Ensure proper ventilation around the unit.

## 7. TROUBLESHOOTING

If you encounter issues with your charging station, refer to the following common troubleshooting steps:

- **No Power:**

- Check if the CEE 3-phase socket has power.
- Ensure the charging station's plug is fully inserted.
- Check your circuit breaker for tripped circuits.

- **Charging Not Starting:**

- Ensure the charging cable is securely connected to both the station and the vehicle.
- Verify that the RFID card is authorized and swiped correctly.
- Check the app for any error messages or scheduled charging conflicts.
- Ensure your vehicle is ready to accept a charge.

- **App Connectivity Issues:**

- Ensure your phone's Bluetooth and Wi-Fi are on.
- Check if the charging station is within Wi-Fi or Bluetooth range.
- Restart the app and/or your phone.
- If Wi-Fi connection fails, try reconnecting through the app's device management section.

- **Error Message on Display:**

- Note down the error code or message.
- Refer to the app for more detailed explanations or contact customer support with the error information.

If the problem persists after attempting these steps, please contact customer support.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	AFYEEV
Model Number	11kW-8-16A-CEEBIGUA-001
Max Power Output	11 kW
Max Current	16 A
Adjustable Current	8A, 10A, 13A, 16A
Connector Type	CEE 3-phase plug (input), Type 2 (output)
Cable Length	5m
Ingress Protection (IP) Rating	IP65 (Dustproof and Waterproof)
Operating Temperature	-30°C to 50°C
Connectivity	Wi-Fi, Bluetooth, RFID Card
Safety Features	Overcurrent, Earth, Lightning, Overvoltage, Under-frequency, Overheating Protection, Emergency Stop Switch
Standard Compliance	IEC 62196-2 (European Standard)

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact AFYEEV customer service through the retailer where you purchased the product or visit the official AFYEEV website.

Please have your model number (11kW-8-16A-CEEBIGUA-001) and purchase date available when contacting support.