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**feyree 32A7.6KW**

# feyree Level 2 J1772 Type1 EV Charger User Manual

Model: 32A7.6KW

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation of your feyree Level 2 J1772 Type1 EV Charger, Model 32A7.6KW. This charging station is designed for electric vehicles equipped with a SAE J1772 standard port, offering adjustable current settings and control via a mobile application or RFID card.

## 2. SAFETY INFORMATION

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**WARNING: Failure to follow these safety instructions may result in fire, electric shock, serious injury, or death.**

- Ensure the charger is installed by a qualified electrician in accordance with all local and national electrical codes.
- Do not attempt to open, disassemble, repair, or modify the charger. Contact qualified service personnel for any repairs.
- Do not use the charger if the cable, plug, or charging connector is damaged.
- Keep the charger and cables away from water, flammable liquids, and extreme temperatures.
- Ensure the NEMA 14-50 outlet is properly grounded and rated for the charger's maximum current.
- Always disconnect the charger from the power source before cleaning or performing any maintenance.
- This device is equipped with multiple protections including over-current, over-voltage, under-voltage, leakage, overheating, lightning, short circuit, and compression protection.



Image: Visual representation of the feyree EV charger's integrated safety features, including protection against water, electrical faults, and extreme conditions.

### 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- EV charger x 1
- Holder x 1
- User manual x 1
- RFID cards x 3
- Metal back plate x 1
- 30mm screw x 10
- Plastic bolt x 10

## EV charging station \*1



With NEMA 14-50 plug\*1



## RFID cards\*3



\*1



## Metal back plate \*1



## EV Charger \*1



## 30mm screw \*10



## Plastic bolt \*10



Image: All components included in the feyree EV charger product box, laid out for verification.

## 4. SETUP AND INSTALLATION

The feyree EV charger is designed for wall-mount installation. Professional installation by a certified electrician is strongly recommended to ensure safety and compliance with electrical standards.

### 4.1 Site Selection

- Choose a location near your parking spot with access to a NEMA 14-50 outlet.
- Ensure the mounting surface is structurally sound and can support the weight of the charger.
- The operating temperature range is -30°C to +55°C. Avoid direct sunlight or areas with extreme temperature fluctuations.

### 4.2 Mounting the Charger

1. Use the included metal back plate as a template to mark drilling points on the wall.

2. Drill holes and insert the plastic bolts.
3. Secure the metal back plate to the wall using the 30mm screws.
4. Mount the EV charger unit onto the secured back plate.
5. Install the cable holder for convenient cable management.



Image: Example of the feyree EV charger properly installed on a wall, ready for use.



Image: Detailed measurements of the feyree EV charger unit.

## 5. OPERATING INSTRUCTIONS

### 5.1 Connecting to Your EV

1. Ensure the charger's NEMA 14-50 plug is securely inserted into a compatible wall outlet.
2. Open the charging port cover on your electric vehicle.
3. Firmly insert the J1772 charging connector into your vehicle's charging port until it clicks into place.

### 5.2 LCD Display Overview

The integrated LCD screen provides real-time charging status and information:

- **Temperature:** Displays the current operating temperature of the charger.
- **Voltage:** Shows the input voltage.
- **Current:** Indicates the current charging amperage.
- **Power (Kw):** Displays the current charging power.
- **Energy (Kwh):** Shows the accumulated energy delivered.
- **Charging Status:** Indicates 'Ready', 'Charging', or error messages.

- **Charging Time:** Tracks the duration of the current charging session.



Image: Detailed view of the charger's LCD screen showing various operational parameters.

### 5.3 Adjusting Charging Current

The charger supports adjustable current settings. Press the 'A' button on the charger to cycle through available current options: **8A, 10A, 13A, 16A, 32A**. Select the appropriate current based on your vehicle's requirements and electrical circuit capacity.

### 5.4 Starting and Stopping Charging

- **To Start:** Once the connector is securely plugged into the EV and the charger is powered, charging will typically begin automatically or can be initiated via the APP/RFID card.
- **To Stop:** Disconnect the charging connector from your vehicle. The charger will automatically cease power delivery. In case of emergency, press the reset button on the charger to immediately cut power. The device will automatically power off when the vehicle is fully charged.

## 6. APP AND RFID CARD CONTROL

The feyree EV charger offers convenient control options via a mobile application and RFID cards.

## 6.1 Mobile Application Control

1. Download the official feyree EV charger application from your smartphone's app store.
2. Follow the in-app instructions to pair your charger with your mobile device.
3. Through the app, you can:
  - Monitor real-time charging status (voltage, current, power, temperature).
  - Adjust the charging current.
  - Schedule charging sessions.
  - Start or stop charging remotely.

## 6.2 RFID Card Control

Use the provided RFID cards to initiate charging sessions without needing the mobile app.

1. Ensure the charging connector is properly inserted into your EV.
2. Hold an authorized RFID card near the RFID sensor area on the charger.
3. The charger will recognize the card and begin the charging process.
4. To stop charging, present the RFID card again or disconnect the charging connector from the vehicle.

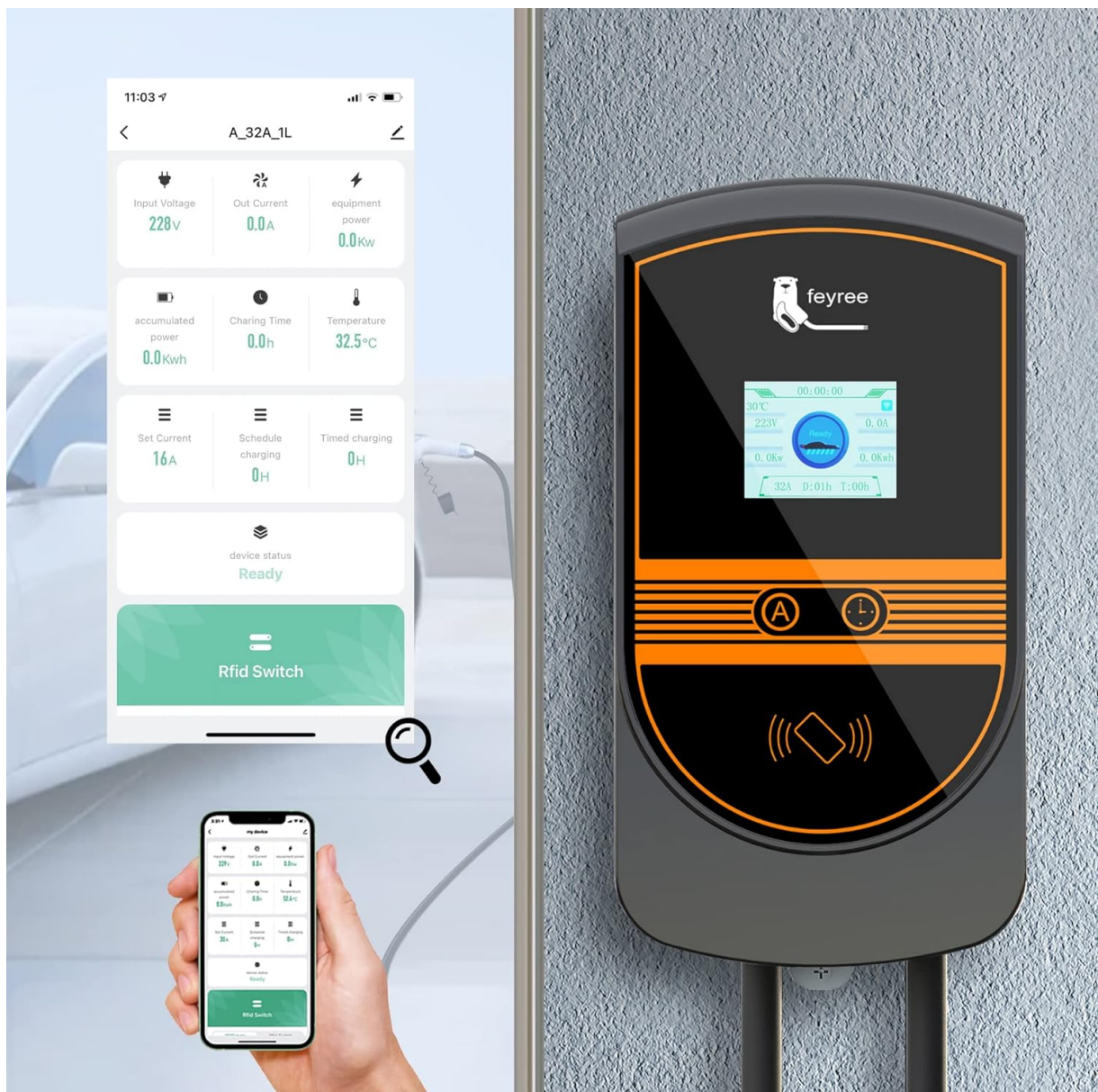


Image: The feyree EV charger alongside its mobile application interface, demonstrating remote control and monitoring

## 7. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your EV charger.

- **Cleaning:** Wipe the charger unit and cables with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the unit is powered off before cleaning.
- **Cable Inspection:** Periodically inspect the charging cable, plug, and connector for any signs of wear, cuts, or damage. Replace damaged components immediately.
- **Storage:** When not in use, store the charging cable neatly on the provided holder to prevent tangling and damage.

## 8. TROUBLESHOOTING

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If you encounter issues with your feyree EV charger, refer to the following common problems and solutions:

- **Charger Not Starting:**
  - Check if the NEMA 14-50 plug is fully inserted into the wall outlet.
  - Ensure the vehicle's charging port is clean and the J1772 connector is fully engaged.
  - Verify that the circuit breaker for the outlet has not tripped.
  - If using APP/RFID control, ensure the charger is authorized to start.
- **Slow Charging:**
  - Check the current setting on the charger's LCD or via the mobile app. Adjust to a higher amperage if desired and safe for your electrical circuit.
  - Ensure your vehicle is capable of accepting a higher charging rate.
- **Error Codes on LCD:**
  - The LCD display will show specific error codes or messages if a fault occurs. Refer to the charger's display for details.
  - Common errors relate to over-current, over-voltage, under-voltage, or over-temperature. Disconnect the charger, wait a few minutes, and reconnect. If the error persists, contact support.
- **No Power to Charger:**
  - Confirm the NEMA 14-50 outlet is receiving power. Test with another appliance if possible.
  - Check your home's main electrical panel for tripped circuit breakers.

## 9. SPECIFICATIONS

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Feature	Specification
Model Number	32A7.6KW
Standard	SAE J1772-2012
Input Voltage	85V-264V
Current Rating	Adjustable: 8A, 10A, 13A, 16A, 32A
Wattage	7.6 KW
Frequency	50Hz-60Hz
Socket Type	NEMA 14-50
Cable Specification	3G 6mm <sup>2</sup> + 1*0.55mm <sup>2</sup>
Working Temperature	-30°C ~ +55°C
Storage Temperature	-40°C ~ +80°C
Special Features	Fast Charging, APP Control, RFID Card Control, LCD Display
Protection	Over-current, Over-voltage, Under-voltage, Leakage, Overheating, Lightning, Short Circuit, Compression, IP66 Waterproof
Mounting Type	Wall Mount

## 10. WARRANTY AND SUPPORT

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

For further assistance, visit the official feyree website or contact their support team through the contact information provided in your product packaging.