

## JATRHG EV-IEC-AC-32-PV

# JATRHG EV Charging Cable 22KW 32A 3-Phase 5m Type 2 to Type 2 User Manual

Model: EV-IEC-AC-32-PV

## 1. INTRODUCTION

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Thank you for choosing the JATRHG EV Charging Cable. This manual provides important information regarding the safe and efficient use of your 22KW, 32A, 3-phase, 5-meter Type 2 to Type 2 charging cable. Please read this manual thoroughly before using the product and retain it for future reference.

This cable is designed for charging electric vehicles and plug-in hybrids equipped with a Type 2 charging port, compatible with public charging stations and home wall-mounted chargers.

## 2. IMPORTANT SAFETY WARNINGS

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

- **Installation:** This device must be installed by a qualified electrician in accordance with local standards. Incorrect installation can cause risks of electric shock or fire.
- **Usage:** Use this equipment only for its intended purpose. Any modification or inappropriate use may lead to damage or safety risks.
- **Supervision:** Do not leave the device operating unattended. In case of any problem, turn it off immediately and consult a professional.
- **Environment:** Use the equipment under recommended conditions. Avoid exposure to excessive humidity or extreme temperatures.
- **Maintenance:** Do not attempt to repair the device yourself. Entrust all repairs to a qualified technician.
- **Safety:** Keep the equipment out of reach of children and animals.
- **Disconnection:** Disconnect the device in case of emergency to avoid any danger.

## 3. PRODUCT FEATURES

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- **High Power:** 22KW maximum output power, 32A three-phase current for fast charging.
- **Durable Construction:** Outer shell material made of TPU for enhanced durability and flexibility.
- **Weather Resistant:** IP54 protection class, suitable for various environmental conditions.
- **Long Lifespan:** Mechanical life of plugging and unplugging (no load) > 10,000 times.
- **Ergonomic Design:** Lightweight and easy to transport, with an ergonomic and anti-skid design for comfortable handling.
- **Certified Safety:** CE and TÜV certified for safety and quality assurance.

## 4. PACKAGE CONTENTS

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Upon unpacking, please ensure all items are present and undamaged:

- EV Charging Cable (Type 2 to Type 2)
- User Manual (this document)
- Storage Bag
- Handle (if applicable, for wall mounting)

## 5. SETUP AND CONNECTION

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The JATRHG EV Charging Cable is designed for straightforward use. Ensure your vehicle and charging station are compatible with Type 2 connectors.

### 5.1 Initial Inspection

Before each use, visually inspect the cable and connectors for any signs of damage, wear, or foreign objects. Do not use the cable if it appears damaged.

### 5.2 Connecting the Cable

1. Ensure both your electric vehicle and the charging station are turned off or in a safe state for connection.
2. Open the charging port cover on your vehicle.
3. Insert one end of the Type 2 charging cable firmly into the vehicle's charging port. Ensure it clicks into place.
4. Insert the other end of the Type 2 charging cable firmly into the charging station's output port. Ensure it clicks into place.
5. Once both ends are securely connected, you can initiate the charging process according to your vehicle's and charging station's instructions.



Image: The JATRHG EV charging cable connected to a vehicle's charging port, showing the secure connection and illuminated charging indicator.

# Compatible with All IEC 61962-2EV s



Image: A close-up view illustrating the compatibility of the Type 2 connector with various vehicle charging ports.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Initiating Charging

After securely connecting the cable to both the vehicle and the charging station:

- Follow the instructions on your charging station to start the charging session. This may involve swiping a card, using an app, or pressing a button.
- Monitor the charging status indicators on your vehicle dashboard or the charging station.

### 6.2 Ending Charging

To safely end the charging session:

1. Stop the charging session via your vehicle's controls or the charging station's interface.

2. Wait for the charging station and vehicle to indicate that the session has ended and the cable is unlocked.
3. Disconnect the cable from the vehicle first, then from the charging station.
4. Replace the protective caps on the connectors to prevent dust and moisture ingress.

## Câble de Recharge EV



Image: The JATRHG EV charging cable, showing both Type 2 connectors with protective caps, ready for storage or use.

## 7. MAINTENANCE AND STORAGE

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### 7.1 Cleaning

Keep the charging cable clean and free from dirt, dust, and moisture. Use a soft, dry cloth to wipe down the cable and connectors. Do not use harsh chemicals or abrasive cleaners.

### 7.2 Storage

When not in use, store the cable in a dry, cool place, away from direct sunlight and extreme temperatures. Use the provided storage bag to protect the cable from damage and keep the connectors clean. Avoid kinking or bending the cable sharply.

# Ergonomic & Anti-skid design



Image: A detailed view of the ergonomic and anti-skid design of the Type 2 connector, highlighting its comfortable grip.

## 8. TROUBLESHOOTING

If you encounter issues during charging, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charging does not start.	<ul style="list-style-type: none"><li>• Cable not fully inserted.</li><li>• Charging station not activated.</li><li>• Vehicle charging port issue.</li><li>• Cable damage.</li></ul>	<ul style="list-style-type: none"><li>• Ensure both ends of the cable are securely connected.</li><li>• Follow charging station instructions to activate.</li><li>• Check vehicle manual or consult vehicle service.</li><li>• Inspect cable for damage; do not use if damaged.</li></ul>
Slow charging speed.	<ul style="list-style-type: none"><li>• Charging station output lower than expected.</li><li>• Vehicle charging settings.</li></ul>	<ul style="list-style-type: none"><li>• Verify charging station specifications.</li><li>• Adjust vehicle charging settings if applicable.</li></ul>

Problem	Possible Cause	Solution
Cable feels hot during charging.	<ul style="list-style-type: none"> <li>Normal operation (slight warmth).</li> <li>Overload or faulty connection.</li> </ul>	<ul style="list-style-type: none"> <li>Slight warmth is normal.</li> <li>If excessively hot, immediately disconnect and consult a qualified technician.</li> </ul>

If the problem persists after attempting these solutions, please contact customer support or a qualified electrician.

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	EV-IEC-AC-32-PV
Brand	JATRHG
Connector Type	Type 2 to Type 2 (IEC 62196-2)
Maximum Output Power	22 KW
Current Rating	32 A (Three-Phase)
Voltage Rating	400 Volts (AC)
Cable Length	5 Meters
Outer Shell Material	TPU
Operating Temperature	-40°C to +85°C
Protection Class	IP54
Mechanical Life	> 10,000 plugging/unplugging cycles (no load)
Certifications	CE, TÜV, Rhos
Compatible Devices	Type 2 Electric and Plug-in Hybrid Vehicles
Item Weight	4 Kilograms

## 10. WARRANTY INFORMATION

The JATRHG EV Charging Cable comes with a **2-year warranty** on spare parts, as per EU availability. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accidents, unauthorized modifications, or improper installation.

Please retain your proof of purchase for warranty claims.

## 11. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your JATRHG EV Charging Cable, please contact your retailer or visit the official JATRHG website for support information.

*Manufacturer: Eway New Energy*



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