

Chilye Chi204968

Chilye Charging Cable User Manual

Model: Chi204968

1. PRODUCT OVERVIEW

The Chilye Type 2 to Type 2, 3-phase charging cable is designed for efficient and safe charging of hybrid and electric vehicles. This 5-meter cable adheres to IEC 62196-2 standards, ensuring compatibility and reliable performance for your electric car charging needs.



Figure 1: Chilye Type 2 to Type 2 Charging Cable (5 meters)

This image displays the Chilye charging cable, coiled neatly, showcasing both Type 2 connectors at each end. The cable is black, and the connectors are white and grey, featuring the 'Chilye' brand logo.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the charging cable. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not use the cable if it is damaged, frayed, or has exposed wires.
- Ensure connectors are clean and dry before plugging in. Moisture can cause electrical hazards.
- Do not attempt to modify or repair the cable. Contact qualified personnel for service.
- Keep the cable away from water, flammable materials, and extreme temperatures.
- Always handle the connectors by the insulated grip.
- Ensure the charging station and vehicle are properly grounded.
- Disconnect the cable properly by first stopping the charging session, then unplugging from the vehicle, and finally from the charging station.

3. PRODUCT FEATURES

The Chilye charging cable offers robust features designed for reliability and user safety:

- **Universal Compatibility:** Designed for all hybrid and electric vehicles equipped with a Type 2 charging port.
- **Certified Safety:** CE and TÜV certified for use within the EU, ensuring compliance with stringent safety and quality standards.
- **Weatherproof Design:** Features an IP55 protection class, allowing for reliable charging in various weather conditions and extreme temperatures (-30°C to 50°C).
- **High Power Capacity:** Supports 32 Amp, 3-phase charging for faster power delivery.
- **Durable Length:** A 5-meter cable provides ample reach for most charging scenarios.
- **Comprehensive Protection:** Includes surge protection, low voltage protection, overcurrent protection, leak protection, lightning protection, grounding protection, misconnection protection, and over temperature protection.



Figure 2: Chilye Type 2 Connector with IEC 62196 Standard Mark

This image shows one end of the Chilye charging cable, highlighting the Type 2 connector. The connector is white and grey with the Chilye logo, and a small circular logo indicating compliance with IEC 62196 standards is visible next to the coiled cable.

4. SETUP

Before first use, inspect the cable for any visible damage. Ensure both the vehicle's charging port and the charging station's outlet are clean and free of debris.

1. Uncoil the charging cable completely to avoid overheating during use.
2. Verify that the charging station is powered on and ready for connection.
3. Ensure your vehicle is parked safely and the ignition is off.



Figure 3: Chilye Type 2 Charging Connector

This image provides a close-up view of one of the Chilye Type 2 charging connectors. The connector is predominantly white and grey, with the Chilye logo visible on the side. The multi-pin interface of the Type 2 standard is clearly visible at the end of the connector.

5. OPERATING INSTRUCTIONS

Follow these steps to safely charge your electric or hybrid vehicle:

1. **Connect to Charging Station:** Insert one end of the Type 2 connector firmly into the charging station's outlet. Ensure it clicks into place if the station has a locking mechanism.
2. **Connect to Vehicle:** Open your vehicle's charging port cover. Insert the other end of the Type 2 connector firmly into your vehicle's charging inlet. Ensure it is fully seated.
3. **Initiate Charging:** Follow the instructions on the charging station to start the charging session. This may involve swiping a card, using an app, or pressing a button.
4. **Monitor Charging:** Observe the charging indicators on your vehicle's dashboard or the charging station to confirm that charging has begun.
5. **Terminate Charging:** Once charging is complete or you wish to stop, follow the charging station's procedure to end the session. This usually involves pressing a stop button or using the app.
6. **Disconnect from Vehicle:** Unlock the cable from your vehicle (if locked) and carefully pull the connector

straight out. Close your vehicle's charging port cover.

7. **Disconnect from Charging Station:** Carefully pull the connector straight out from the charging station.
8. **Store Cable:** Coil the cable neatly and store it in a dry, safe place, away from direct sunlight and extreme temperatures.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your Chilye charging cable:

- **Regular Inspection:** Periodically inspect the cable and connectors for any signs of wear, cuts, cracks, or discoloration.
- **Cleaning:** If necessary, clean the cable and connectors with a dry, soft cloth. Do not use abrasive cleaners or solvents. Ensure connectors are completely dry before use.
- **Storage:** Store the cable in a cool, dry place when not in use. Avoid kinking or bending the cable sharply. Use the provided dust cap for the vehicle plug when stored.
- **Avoid Driving Over:** Do not drive over the cable, as this can cause internal damage.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Charging not initiating.	Cable not fully inserted; charging station error; vehicle not ready.	Ensure both ends are firmly connected. Check charging station display for error codes. Verify vehicle is ready to charge.
Slow charging speed.	Charging station limitation; vehicle setting; grid power issue.	Check charging station's maximum output. Verify vehicle's charging settings. Consult power provider if issue persists.
Cable feels warm.	Normal operation under load; potential overload or poor connection.	Slight warmth is normal. If excessively hot, disconnect immediately and inspect for damage or loose connections. Do not use if excessively hot.
Connector stuck.	Vehicle or station locking mechanism engaged.	Ensure charging session is fully terminated. Consult vehicle or charging station manual for unlocking procedure. Do not force.

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

8. SPECIFICATIONS

Detailed technical specifications for the Chilye Type 2 to Type 2 Charging Cable:

Attribute	Value
Model Number	Chi204968
Cable Type	Type 2 to Type 2
Phases	3-phase

Attribute	Value
Cable Length	5 meters
Nominal Voltage	250/480 VAC
Nominal Current	13 A / 16 A / 20 A / 32 A
Insulation Resistance	> 200 MΩ
Dielectric Strength	2000V AC
Protection Class	IP55 (with dust cap); IP2XB (vehicle plug, no dust cap)
Operating Temperature	-30°C to 50°C
Storage Temperature	-40°C to 85°C
Certifications	CE certified, TÜV certification
Standards	IEC 62196-1, IEC 62196-2, IEC 61851-1
Item Weight	3.52 kg
Manufacturer	SUZHOU CHILYE GREEN TECHNOLOGY CO.,LTD



Figure 4: Technical Diagram of Type 2 Connector

This image presents a technical drawing of the Type 2 connector, showing its dimensions and pinout configuration. Key measurements such as length (230.5 mm) and width (92.0 mm) are indicated, along with pin labels (L1, L2, L3, N, PE, CP, PP).

9. WARRANTY INFORMATION

Chilye products are manufactured to high-quality standards and are backed by a manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or visit the official Chilye website.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Chilye charging cable, please contact our customer support team.

Please have your product model number (Chi204968) and purchase details ready when contacting support.

Contact information can typically be found on the manufacturer's website or on your product packaging.

