

7 kW, 11 kW, 21 kW Fastest Level 2 Charger, Home EV Charger

The RUIHUA **fastest level 2 charger** is typically capable of delivering up to 48-50 amps of output power and charging speeds of up to 37-46 miles per hour. Equipped with smart connectivity features that support remote monitoring, charging scheduling and energy usage monitoring via mobile apps.

Supports the J1772 standard interface, enabling compatibility with virtually all electric vehicles on the North American market, providing a convenient charging solution. For Tesla vehicles, users can easily connect and charge using only an adapter. In addition, the product is also compatible with European standard (IEC 62196 Type 2) and national standard (GB/T) interfaces, which can be widely adapted to the charging needs of electric vehicles in different regions. Whether in North America, Europe or China, Ruihua charging piles can provide users with a stable and efficient charging experience.



RUIHUA Charging Post: The Fastest Level 2 Charger
for a Sustainable Future

The Ruihua Charging Post is more than just a product; it is a commitment to a sustainable, efficient, and technologically advanced future. Choose Ruihua and join us in shaping the future of electric vehicle charging. Our charging solutions not only meet the needs of today but also anticipate the charging challenges of tomorrow. Together with Ruihua Charging Post, we are moving towards a cleaner, smarter, and more sustainable future.

Ruihua Charging Post – Extreme Level 2 Charging Solution

Ruihua Charging Station offers two types of electric vehicle charging equipment: AC charging stations and DC charging stations. As the fastest Level 2 charger, the Ruihua Charging Station provides an efficient, fast, and reliable charging solution for both residential and commercial environments. Designed with advanced technology, the Ruihua Charging Station is compatible with a wide range of electric vehicle models, ensuring flexible use in a variety of locations. Its durable casing and weather-resistant construction allow it to cope with a variety of outdoor environments, making it suitable for use in parking lots, garages, and apartment buildings, among other scenarios.

Key features of the fastest Level 2 charger:

- Smart Connectivity: easily monitor and control the charging process through a mobile app, providing greater convenience and flexibility.
- Dynamic Charging Speed: Dynamically adjusts the charging speed according to demand, reducing charging waiting time and improving efficiency.
- Powerful Safety Mechanism: Built-in anti-overheating and anti-overcharging functions ensure safe charging and long-term stable operation of the device.
- Energy Efficiency: Highly focused on energy efficiency, reducing operating costs while providing a sustainable, fast charging experience.

The Ruihua **fast Level 2 charger** is a high-performance and reliable EV charging solution gaining attention in international markets. With its high charging efficiency and compatibility with a wide range of electric vehicles, the Ruihua charging pile is perfect for residential and commercial settings, meeting the needs of EV users. By integrating this charging infrastructure into your facilities, you can offer advanced EV charging services to your customers and strengthen your charging network.

System Configuration

- The Ruihua **Level 2 Charger** of electric vehicles consists of three functional modules: the main power supply circuit, the human-machine interaction part, and the internal control part.
- The main power supply circuit consists of an input leakage air switch, output control, and charging gun.
- The human-computer interaction part consists of intelligent indicator lights, Card readers, and display units, which's used for setting parameters and identifying charging cards, etc.
- The internal control module consists of a main control board, a power supply, a control and protection unit, and background communication. completing the startup, operation, monitoring, and stop for the charging process.

Ruihua's fastest Level 2 Charger Application

AC **fastest Level 2 Charger** is applicable to the electric vehicles with on-board OBC by offering AC power. Suitable for outdoor (indoor) parking lots in high-temperature, high-humidity, and dusty environments. Such as residential and commercial areas, charging stations, coastal areas, etc. It adopts self-service operation, suitable for various unmanned parking lots, User can independently complete charging operation

As the EV market continues to grow rapidly, the Ruihua Charging Pile is an excellent choice to enhance your business's competitive edge and support sustainable charging infrastructure. With its cost-effective performance and reliability, the Ruihua charging pile will improve customer satisfaction and meet the increasing demand for eco-friendly vehicle solutions.

Ruihua's fastest Level 2

Charger Benefits:

- Ruihua EV charger maximizes charging efficiency, minimizing downtime and ensuring that electric vehicles are ready to hit the road when needed.
- Contribute to a sustainable future with our eco-friendly charging solution. Ruihua is committed to reducing carbon footprints and promoting cleaner transportation.
- From residential settings to commercial complex charging The charging pile adapts seamlessly to various environments, providing a reliable charging solution wherever it's needed.

- Ruihua Charging Pile offers cost-effective charging options, allowing businesses and individuals to save on energy costs while supporting the growth of electric mobility.
- Embrace the future with Ruihua's commitment to innovation. Our charging pile is not just a charging solution; it's a driving force behind the evolution of electric mobility. *Contact us* to discuss how Ruihua Charging Pile can revolutionize your charging experience.

As the automotive industry undergoes a paradigm shift towards sustainability, Ruihua charging piles emerge as a cornerstone in the electric vehicle charging landscape. With their innovative features, eco-friendly design, and commitment to a greener future, Ruihua charging piles are powering the way for electric vehicles. Connect with Ruihua now and let our charging pile be the cornerstone of your smart and efficient electric vehicle charging infrastructure.