

## Smart Safety and Monitoring for Your Tailored Mobile EV Charger

### Our Product Introduction

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#### Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HD-MRS-Q2GB



#### Product Specification

- Rated Power: 3.5KW/7KW
- Rated Voltage: 220V±20%
- Rated Current: 16A/32A
- Cable Length: 5M
- Display Mode: RGB/LED
- Protection Rank: IP54
- Highlight: smart mobile EV charger with safety monitoring , tailored mobile EV charger , EV charger with smart safety features

## Product Description

We usually export large quantities to foreign countries. Hope to find more trade partners.

# GB/T - Compliant EV Charger: Powering Your Electric Mobility in the Domestic Market

## 1. Unrivaed Compatibility with Domestic Standards

Our EV charger is meticulously engineered to adhere to **GB/T (Domestic version)** standards, making it the perfect fit for China's electric vehicle charging infrastructure. It offers two power options: **3.5KW (with a rated current of 16A)** and **7KW (with a rated current of 32A)**, catering to a wide spectrum of charging needs, from home - based electric vehicle owners to commercial fleets. Operating within a **220V±20%** voltage range, it seamlessly integrates with the domestic power grid, ensuring a stable and efficient charging experience every time.

## 2. Smart and Convenient Start Modes

Experience the best of both worlds with our dual - start modes. The **Plug&Play** mode allows for immediate charging - just connect and go, ideal for those quick charging sessions at home or in a hurry at public stations. For a more modern and flexible approach, the **Bluetooth APP** start mode enables you to initiate and monitor the charging process remotely. Whether you're in the comfort of your living room or managing a large - scale commercial charging station, you have full control over your EV's charging.

## 3. Flexible and Durable Design

- **Customizable Cable Length:** The standard **5M cable** (with support for length customization) ensures that no matter the charging environment - be it a cramped home garage, a spacious parking lot, or a dedicated public charging area - your EV can be easily connected. We can tailor the cable length to your specific spatial requirements.
- **Compact Control Box:** With dimensions of **225x95x50mm (HWD)**, our control box is designed to save valuable installation space. Don't let its compact size fool you; it houses robust internal components that are built to withstand the rigors of continuous use, ensuring long - term durability.

## 4. Comprehensive Safety and User - Friendly Experience

- **IP54 Protection Grade:** Our charger boasts an IP54 protection rating, meaning it is dust - proof and splash - resistant. It can brave various harsh environments, from dusty industrial areas to rainy outdoor charging stations, providing reliable charging day in and day out.
- **Multi - layer Safety Protections:** Equipped with a full suite of over 10 safety functions, including low - voltage protection, high - voltage protection, over - current protection, short - circuit protection, overload protection, leakage protection, low - temperature protection, high - temperature protection, lightning protection, grounding protection, and emergency stop protection. Your electric vehicle and property are safeguarded against all potential electrical hazards.
- **Intuitive Display:** The RGB/LED indicators and digital screen offer real - time charging status updates. At a glance, you can monitor the charging speed, detect any errors, and track the overall progress of the charging process. This transparency eliminates guesswork and ensures a seamless charging experience.

## 5. Brand - Building Customization

Stand out in the competitive market with our **OEM customization options**:

- **Custom Plugs and LOGO Integration:** We can customize the plugs to meet specific regional or brand requirements and integrate your unique OEM LOGO, enhancing brand recognition and creating a personalized charging solution.
- **Tailored Functionalities:** Offer value - added features such as current switch, time delay, full - stop charging, and screen - displayed charging status. These tailored functionalities can meet the diverse needs of your customers and set your brand apart.

## 6. Why Choose Our GB/T - Compliant Charger?

This charger is not just a charging device; it is a **GB/T - compliant, smart, and adaptable solution** that powers the future of electric mobility in the domestic market. Whether you are a home EV owner looking for a reliable charger, a business managing a commercial fleet, or a retailer aiming to offer top - notch charging products, our charger delivers efficiency, safety, and brand - building potential.

## FUNCTION & PROTECTION



Over  
Temperature  
Protection



Type B  
Leakage  
Protection



Waterproof  
& Dustproof  
IP65



Ground  
Protection



Over  
Voltage  
Protection



Over  
Current  
Protection



Short  
Circuit  
Protection



Lightning  
Protection



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