

Smart Safety and User Experience Mobile EV Charger with IP54 Protection Grade

Our Product Introduction

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Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HD-MRS-A2GB



Product Specification

- Rated Power: 3.5KW/7KW/11KW/11-22KW
- Rated Voltage: 220V±20%/380V±10%
- Rated Current: 16A/32A/16A/16-32A
- Cable Length: 5M
- Display Mode: RGB/LED
- Protection Rank: IP54
- Highlight: IP54 protected mobile EV charger,
smart safety EV charger,
user experience mobile charger

Product Description

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

Power Your Business with Precision

Tailored for the Domestic Market

Designed strictly to **GB/T (Domestic version)** standards, our EV charger is the ultimate solution for China's electric vehicle ecosystem. It offers a flexible power range—**3.5KW, 7KW, 11KW, 11 - 22KW**—matching diverse charging needs, from home use to commercial fleets. With rated voltages of **220V±20% (for 3.5KW/7KW)** and **380V±10% (for 11KW/11 - 22KW)**, it integrates seamlessly with China's power grids.

Key Technical Advantages

- **Adaptive Current Control:** Equipped with rated currents of **16A (3.5KW/11KW)**, **32A (7KW/11 - 22KW)**, and a 16 - 32A range for 11 - 22KW models, it optimizes charging speed while preventing overloads. Perfect for all EV types, ensuring efficiency and safety.
- **Dual Start Modes:** Choose between **Plug&Play simplicity** for instant charging or **Bluetooth APP control** for smart, remote operations. Ideal for both quick home charges and managed commercial stations.

Durability & Customization

- **Flexible Cable Design:** A standard **5M cable** (length customizable) fits any space—garages, parking lots, or public stations. Adapt to tight layouts or large fleets with ease.
- **Compact Control Box:** At **235x95x60mm (HWD)**, it saves installation space while housing robust components.

Smart Safety & User Experience

- **IP54 Protection Grade:** Dust - proof and splash - resistant, it withstands harsh environments—outdoor rain, indoor spills, or dusty garages. Reliability guaranteed.
- **All - Round Protections:** 10+ safety features (low/high voltage, overcurrent, short - circuit, etc.) shield EVs and users. Charge worry - free, even in extreme conditions.
- **Intuitive Display:** RGB/LED indicators + digital screens show real - time status—charging speed, errors, progress. No guesswork, just clarity.

Brand - Ready Customization

Stand out with **OEM options:**

- Custom plugs, brand LOGO integration
- Features like current switch, time delay, full - stop charging
- Screen - displayed status for a premium experience

Perfect for EV manufacturers, charging networks, or retailers—tailor the charger to your brand while meeting GB/T compliance.

Why Choose Our GB/T Charger?

It's more than a charger—it's a **GB/T - compliant, smart, and flexible solution** for China's EV market. Whether powering home users, commercial fleets, or public stations, it delivers efficiency, safety, and brand adaptability.



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