

Empowering Your Business with

ELMO Mobile EV Charger



POWERING CONNECTIONS



Mobile EV Charging – Flexible, On-Demand Power

✓ On-Demand Mobile EV Charging Solutions: Deployment of Mactek Elmo Mobile EV Chargers, offering flexible, on-demand DC fast charging services for electric vehicles in various scenarios, including roadside assistance, event charging, fleet support, and temporary charging infrastructure.

✓ Rapid Deployment for Roadside Assistance or Event Charging: Utilization of trailer-mounted or van-integrated mobile charging units that can be quickly dispatched to provide emergency charging for stranded EVs or deployed at events to support large gatherings of electric vehicles.

✓ Flexible Power Output for Various EV Models: Provision of DC fast charging with configurable power outputs (e.g., 20kW to 100kW+) and multiple connector types (CCS1, CCS2, CHAdeMO, Type 2 AC) to accommodate a wide range of electric vehicle makes and models.

✓ Integrated Smart Charging and Payment Systems: Implementation of cloud-based smart charging platforms for remote monitoring, diagnostics, and load management. Integration with various payment gateways (e.g., RFID, credit card, mobile app) for a seamless user experience.

Technical Specifications

Features	Specifications
✓ Charger Type	✓ DC Fast Charger (Mobile/Self Propelled)
✓ Power Output	✓ 20kW, 50kW, 100kW (Configurable)
✓ Connector Type	✓ CCS1 (SAE J1772 Combo), CCS2 (IEC 62196-3), CHAdeMO, Type 2 AC (Optional)
✓ Input Power	✓ Internal Battery Pack (e.g., 50kWh to 200kWh+ Lithium-ion), Optional Grid/Generator Input Solar
✓ Battery Chemistry	✓ High-density Lithium-ion (e.g., NMC, LFP) with advanced thermal management, 100kH
✓ Charging Time	✓ Adds 100-300 km range in 15-30 minutes (depending on EV model and power output)
✓ Management System	✓ Cloud-based Charging Station Management System (CSMS) for remote monitoring, diagnostics, and firmware updates
✓ Communication Protocol	✓ OCPP 1.6J, OCPP 2.0.1
✓ Payment Options	✓ RFID Card, Credit Card Terminal, Mobile App (QR Code), Plug & Charge (ISO 15118)
✓ Safety Features	✓ Overcurrent Protection, Overvoltage Protection, Short-Circuit Protection, Ground Fault Protection, Emergency Stop Button
✓ Enclosure	✓ Weatherproof (IP54/IP55 rated), Robust, Anti-vandalism design
✓ Applications	✓ Roadside Assistance, EV Events, Fleet Charging, Temporary Charging Infrastructure, Remote Locations

Why Choose Us?

- 01.** Unmatched Convenience and Flexibility: Our Elmo Mobile EV Charger delivers on-demand, high-speed charging directly to where it's needed, eliminating range anxiety and providing unparalleled flexibility for roadside assistance, event support, or temporary charging infrastructure.
- 02.** Rapid Response and Universal Compatibility: Designed for quick deployment, our mobile units offer fast charging with universal connector compatibility, ensuring any EV can get back on the road quickly, minimizing downtime and maximizing user satisfaction.
- 03.** Smart, Seamless, and Secure: Integrated with advanced smart charging features and intuitive payment systems, the Elmo Mobile EV Charger provides a hassle-free, secure, and remotely manageable charging experience for both operators and EV owners.

GET IN TOUCH WITH US

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