



For a greener, smarter and safer tomorrow

POWER IN MOTION

Smart Mobile EV Charger



IN COLLABORATION WITH  **Gotion**

Why Choose ITRAMAS™ Smart Mobile EV Charger?

The ITRAMAS™ Smart Mobile EV Charger brings convenient charging directly to your vehicle, eliminating the need for fixed charging stations. Designed for flexibility and efficiency, it provides a smarter, faster, and more reliable charging solution for modern EV users.

- **Comes to You**
Charging delivered directly to your vehicle.
- **No Installation**
No fixed infrastructure required.
- **Smart Energy**
Built-in storage for on-demand charging.
- **Future Ready**
Designed for modern EV and smart city needs.



Innovation

From
"car-to-charger"
to
"charger-to-car"



Flexibility

Flexible deployment
&
easy operation



Energy storage

Peak-shaving and
valley-filling with
small-scale "energy
storage stations"



Revolution

Subversion of the
"time and space
concept" of charging



Fast charging

High-rate &
high-power
charging



Safety

Multiple protection
measures, stable
operation and
proactive protection

Powering Intelligent Mobile EV Charging

Advanced autonomous charging technology engineered for flexibility, efficiency, and seamless energy delivery. Designed to combine smart mobility, reliable storage, and high-performance charging in one innovative solution.



High-Capacity Charging

ITRAMAS™ Smart Mobile EV charging system capable of delivering fast, reliable charging. Supports up to **7-8 full vehicle charges** on a single deployment, making it ideal for fleet support, events, roadside assistance, and temporary charging needs.



Energy Storage

Self-developed battery energy storage system. **High-performance** vehicle-grade energy storage battery. Battery pack with IP67 protection level.



Charging

Self-developed mobile energy storage charging system. **Wide voltage, constant power input/output, fast charging speed** & high conversion efficiency.



Chassis

Self-developed high-load capacity wire-controlled chassis. Good **off-road performance** & strong **driving ability**. Meet the requirements of free driving in the target scenario.



Platform

Self-developed complete **intelligent management system**. Self-developed BMS **real-time monitoring** system & supports **data linkage and status** online diagnosis.

SSEV-SMC Data Sheet

Specification	Details
Device Dimensions (L*W*H)	2270 x 990 x 1380 mm
Weight	2300 kg
Max Obstacle Clearance	70 mm
Rated Capacity	209 kWh
Ambient Temperature	-20°C ~ 45°C
Battery Rated Voltage	665.6 V
Protection Class	IP54
Rated Output Power	150 kW

Specification	Details
DC Output	200-1000 Vdc
Max Charging Current	250 A
Max Speed	5 km/h
Cell Chemistry	LFP
Altitude	<2000 m
Max Climbing Gradient	8%
Cooling Method	Natural cooling



ITRAMAS™

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Why Choose ITRAMAS™

- ✓ Award winning green technology company since 1999
- ✓ The largest vertically integrated Renewable Energy Developer
- ✓ Operating 200 MWp and developing 1.5GWp Large Scale Solar Plant
- ✓ Extensive experience and expertise in the solar industry
- ✓ Executed more than 1000 residential and commercial solar projects

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