

Eplvs Smart Mobile Charger



The self-driving Eplvs Smart Mobile Energy-Storage Charging Pile integrates storage and fast charging in one unit, delivering on-the-spot power for EVs anywhere. Its intelligent management system streamlines operations, lowers costs, and offers customizable solutions for diverse customer needs.



Airport



Railway Station



Expressway Service Area



Business Park



Paid Parking



Logistics Park



Residential District



Public Parking

Product Strengths



Smarter Safety, Longer Life

- Advanced charge/discharge control improves efficiency
- Thermal management extends lifespan, with layered protection for full-system safety



Charge in Minutes, Perform for Hours

- High-power fast charging with SiC tech reduces energy loss and boosts output



Autonomous Driving

- Supports optional autonomous modules for unmanned operation
- Reduces maintenance and boosts system utilization



Real-Time Visibility & Updates

- Live system data with early fault alerts
- OTA (over-the-air) remote updates enable seamless connectivity and control

Model	ERD1126-05P450	ERD1267-05P380
-------	----------------	----------------

Electrical

Cell Type	LFP-100Ah	LFP-300Ah
Pack Configuration	4P16S	1P44S
Rated Voltage(Vdc)	1126.4	1267.2
Voltage Range(Vdc)	880.0~1284.8	990.0~1445.4
Nominal Energy(kWh)	450.6	380.1
Charge /Discharge Rate	0.5P@25°C	
Max.Charge Power(kW)(0.5P)	225.2	190
Cooling Mode	Air-Cooling	Liquid-Cooling

Conditions

Charge Working Temp Range(° C)	0-55	
Discharge Working Temp Range(° C)	-30~60	
Optimum Working Temp(° C)	15~35	
Operating Humidity Range(%)	≤ 95	
Installation Environment	Indoor	

Parameters

Communication Interface	CAN	
Fire Suppression System	PACK-level immersion fire extinguishing capabilities	
Certification	GB/T 36276, UL1973, UL9540A, IEC62619,IEC62477, IEC63056	GB/T 36276, UL1973, UL9540A, IEC62619, IEC62477, IEC63056, IEC60730, IEC61000
Dimension(W * D * H)mm	1386*1000*2260	896*1065*2385
Weight (Kg)	3670	3000

Gotion High-Tech Co., Ltd.

en.gotion.com.cn

Email:sales@gotion.com

© 2024 Gotion High-Tech Co., Ltd. All rights reserved. Version1.0



Smart Mobile Charger

Product Advantages



Innovation and Revolution

- From "car-to-charger" to "charger-to-car"
- Unrestricted by time, space and specific sites



Flexibility and Intelligence

- Flexible deployment
- Remote operation and management



Safety and Fast Charging

- Stable operation and proactive protection
- One-click ordering, seamless charging
- High-rate & high-power charging



Energy Storage and Cost-Effectiveness

- Peak-shaving and valley-filling with small-scale "energy storage stations"
- Free from grid and site reconstruction

Application Scenario



• Airport



• Railway Station



• Highway Service Area



• Business Park



• Office Park



• Logistics Park



• Residential District



• Public Parking