



Free2Move eSolutions

Innovative technologies to lead the transition to electric mobility and charging freedom



30kW Mobile DC Fast Charger

Key Features:

- Commercial EV Charging
- Wired/Wireless Connection for Central Management System
- 7-inch LCD Display
- Ergonomic and Modern Design
- Support for RFID Card and QR Code for User Management
- Over the Air Technology



Wheels



Applications

- Parking Garages
- Commercial Fleet Operations
- EV Dealer Workshops
- Testing Facilities



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Safety NRTL – cETLus (USA/Canada)

Power Specification

AC Input	Input Rating	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye),TN/TT
	Max Input Current	3 Φ 40A
	Frequency	50Hz/60Hz
	Power Factor	> 0.99
	Efficiency	>94% (at optimize V/I point)
DC Input	Output Voltage Range	150~950Vdc
	Max. Output Current	60A@500Vdc
	Max. Output Power	DC 30kW
	Voltage Accuracy	\pm 2%
	Current Accuracy.	\pm 2%

User Interface and Control

Display	7" LCD
Push Buttons	Operation Buttons / Emergency Stop Button
User Authentication	RFID: Support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Opt. Third Party Payment System

Communication

External	Ethernet, Wi-Fi & 4G
Internal	CAN bus / RS485

Environmental

Operating Temperature	30°C~50°C (-22°F ~ +122°F)
Humidity	5%~95% RH, Non-Condensing
Altitude	\leq 2000m (6562ft)
IP / IK Level	NEMA 3R IK10 (not including screen & RFID module)
Cooling Method	Fan Cooling

Mechanical

Dimension (W x D x H)	589mm x 620mm x 988mm (23.19in x 24.41in x 37.90in)
Weight	\leq 80kg (176lbs) \pm 1%
Cable Length	4m (13 ft.)

Protection

Input Protection	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD

Regulation

Certification	UL 2202, UL2231, EnergyStar™
Charging Interface	DIN 70121, ISO15118

