



Free2Move eSolutions

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



180kW Free Standing DC Fast Charger

Key Features:

- 2-year Parts Only Standard Warranty
- Available total coverage plans
- Network or Standalone Operation
- 7-in TFT LCD Screen with User Friendly Interface
- Cable Management System Available (Recommended)
- Supports Smart Charging and Load Balancing
- Available Wi-Fi and 4G



Cable Management Systems Available

Key Features & Benefits:

- Improves user experience with retractable cables
- Increases cable life cycle by keeping cable off ground
- Supports 23ft cables
- Modern canopy design, easy to maintain

Recommended: 23ft Cable Management System
Shown here -->



Applications

- EV Dealer Workshops
- EV Infrastructure Operators and Service Providers
- Gas and Service Stations
- Parking Garages
- Commercial Fleet Operators



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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 232A
	Frequency	50Hz/60Hz
	Power Factor	> 0.99
	Efficiency	>94% (at optimize V/I point)
DC Input	Output Voltage Range	150~950Vdc
	Max. Output Current	300A@600V
	Max. Output Power	180 kW
	Voltage Accuracy	\pm 2%
	Current Accuracy.	\pm 2%

User Interface and Control

Display	7" TFT-LCD
Push Buttons	Push Buttons Operation Button / 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)	800 mm x 650 mm x 1900 mm (31.5 in x 25.6 in x 74.8 in)
Weight	\leq 500kg (1,102lbs) \pm 1%
Cable Length	7m (23 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

