



DynaChrg Floor-Mounted DC Charger

EVH120, EVH180, EVH240

The DynaChrg Floor-Mounted DC Charger is designed for both residential and commercial fast charging applications. With advanced power distribution, intelligent user interaction, and strong environmental protection, it ensures safe and efficient EV charging in any location.



High-Power Charging Performance

- Power options: 120kW, 180kW, 240kW.
- Output voltage range: 200-1000VDC.
- Maximum output current per connector: 200A.
- Dual connectors: 200A × 2 for simultaneous charging.
- High efficiency with ≥ 0.95 power factor.

Robust & Durable Design

- Weatherproof NEMA 3R for indoor/outdoor use.
- Operating temperature: -30°C to 55°C (-22°F to 131°F).
- Relative humidity tolerance: $\leq 95\%$.
- Galvanized sheet housing for durability.

Customization & Branding

- Custom LOGO, appearance, and specifications available.
- OEM/ODM support for unique size and shape requirements.

Smart User Interaction & Connectivity

- 7-inch touch screen for seamless operation.
- 55-inch LCD advertising screen (USB, Wi-Fi, LAN).
- Start via RFID card, plug-and-charge, or QR code scan.
- Standard connectivity: LAN, Wi-Fi, OCPP 1.6J.
- Optional 4G for enhanced communication.

Safety & Protection Features

- Leakage, voltage fluctuation, and ground protection.
- Abnormal protection for charging gun wire connection.

Standards & Customer Support

- Designed to meet ETL and FCC compliance requirements
- Rapid on-site service, remote support, and spare parts management

Dimensions



Ideal for Various Charging Scenarios



Efficient underground garage charging.



High-traffic large charging stations.



Flexible indoor-outdoor installation.

Key Benefits



Fast charging for residential and commercial.



Integrated billing, metering, and controls.



Dustproof, waterproof NEMA 3R protection.



Supports RFID card and QR code activation.



Designed to meet ETL and FCC compliance requirements

Contact Us

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Specifications

General	
Charging mode	LEVEL3
Interface type	CCS1
Product Power	120KW, 180KW, 240KW
Input Voltage	380-480VAC
Input Frequency	50/60Hz
Output Voltage	200-1000VDC
Maximum Output Current of Single Gun	200A
Maximum Output Current of Double Guns	200A*2
Voltage Stabilization Accuracy	±0.5%
Steady Current Accuracy	±1%
Power Factor	≥0.95
Heat Dissipation Method	Forced air cooling
Input Wire	(TN-S) , L1, L2, L3, N, PE

Man-Machine Interaction and Startup Method	
Charging Method	Standard: Swipe RFID card(offline), Plug and charge, VIN Optional: Swipe RFID card(online), Scan QR code
Connectivity	Standard: LAN, WIFI, OCPP1.6J Optional: 4G
Indicator Light	Two-color indicator light, Standby: Green light always on; Charging: The green light flashes; Fault: The red light always on.
Display screen	7-inch touch screen
Advertising screen	55-inch LCD advertising screen (support USB, WIFI, LAN, 4G)

Working Environment	
Storage Temperature	-30~70°C (-22°F~158°F)
Working Temperature	-30~55°C (-22°F~131°F)
Relative Humidity	≤95%
Protection Level	NEMA 3R
Operational Environment	Outdoor, Indoor
Usage Occasion	Residential and commercial charging

Defensive Function	
Leakage Protection	Yes, Under-voltage Protection: Yes
Ground Protection	Yes, Under-voltage Protection: Yes
Over-voltage Protection	Yes, Abnormal Protection of Charging Gun Wire Connection: Yes

Size Specification	
Installation Mode	Floor-standing
Number of Interfaces	2 (line length 5m), customizable plug line ≤10m
Size(HÃ—WÃ—D)	85.15"X53.15"X31.49" (2163X1350X800mm)
Product package size(HÃ—WÃ—D)	87"X65.74"X44.09" (2210X1670X1120mm)
Product Weight	120KW : 800KG, 180KW : 846.5KG, 240KW : 886.5KG
Housing Material	Galvanized sheet

Customization Requirement	
Custom LOGO	Yes
Customized Appearance	Yes
Custom Specification	Yes