



EVJ-002

208 / 240VAC – 48A/80A

Level 2 Commercial EV Charging Station

DynaChrg EVJ002 is a powerful Level 2 charger for home and business. With up to 80A / 19.2 kW output, it delivers fast charging for most EVs. Smart features, load balancing, and simple design make it scalable and reliable.



High-Power Performance

- Delivers up to 19.2 kW (80A) for ultrafast Level 2 charging
- Enhanced thermal design for consistent performance
- Supports J1772 and optional NACS (J3400) connectors

Always Connected

- Built-in Wi-Fi 6, Bluetooth 5.2, Ethernet, optional 4G
- OTA updates keep your charger evolving with your needs
- OCPP 1.6J/2.0.1, ISO 15118-2/3 ensure backend compatibility

Custom-Ready Design

- White or black with custom color options
- Supports wall or pedestal mounting
- Rugged NEMA 4 / IP65 housing, IK08 impact-rated

Intelligent Interface

- Large 4.3" touchscreen for intuitive operation
- Multilingual UI: English, Spanish, and French
- $\pm 1\%$ accuracy for CTEP-compliant billing metering

Smart Energy Management

- Dynamic load balancing ensures efficient energy use
- Works across chargers with optimized power use
- Ideal for both home and fleet operations

Flexible User Access

- Flexible authentication: Plug & Charge, RFID, or App
- Compatible with all EV models on the market today
- Supports both open and private charging scenarios

Dimensions



Ideal for Various Charging Scenarios



Residential



Parking



Multi-Family



Hotels



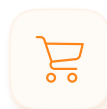
Commercial



Work Places



Fleet



Shopping

Key Benefits

-  Up to 80A power delivery ensures minimal wait time.
-  Supports 99.5% of EVs via J1772 and NACS.
-  Optimize energy flow across stations for safe use.
-  Touchscreen UI in English, Spanish, and French.
-  Easily manage & monitor via Wi-Fi, 4G, or Bluetooth.
-  NEMA 4, IP65 & IK08 rated for indoor or outdoor use.

Specifications

Power	
Input Rating	208-240V AC
Output Current & Power	11.5 kW (48A), 19.2 KW (80A)
Power Wiring	L1 / L2 / GND
Input Cord	Hardwire (cable not included)
Mains frequency	50 / 60 Hz
Connector Type	SAE J1772, Type 1, 18ft / SAE J3400, NACS 18ft (Optional)
Ground Fault Detection	CCID 20
Protection	UVP, OVP, RCD (CCID 20), SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protection

User Interface	
Status Indication	LED indication
Screen	4.3' touch screen (UI upgradable)
Language	English / Spanish / French
User Interface	Admin, user, and site level dashboards
Connectivity	Bluetooth5.2, Wi-Fi 6 (2.4G / 5G), Ethernet, 4G (Optional)
Communication Protocols	OCPP2.0.1 / OCPP 1.6J self-adaptation. ISO15118-2/3
Energy Management	Dynamic Load Balancing
User Authentication	Plug&Charge (Free). Plug&Charge (PnC). RFID Card. OCPP
Card Reader	RFID, ISO14443A. ISO14443B, 13.56MHZ

Standard & Warranty	
Safety	Tested to UL safety standards; meets ETL, FCC, Energy Star, and ISO 15118 requirements, including Plug & Charge support.
Warranty	36 months (optional extension)

General	
Button	Emergency Button
Enclosure Rating	NEMA 4 (IP65), 1K08
Operating Altitude	<6561ft (2000m)
Operating Temperature	-40°F ~ +131°F (-40°C ~ +55°C)
Storage Temperature	-40°F ~ +185°F (-40°C ~ +85°C)
Operating Humidity	5-95%
Mounting	Wall mount / Pedestal (optional)
Color	White. Black (Customizable)
Dimension (W x D x H)	244mm x 118mm x 402mm
Package Dimensions (W x D x H)	410mm × 290mm x 535mm
Weight	13.78lbs (6.25kg) (Item Weight)

Contact Us

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