Level 3 EV Charger
120kW / 150kW / 180kW
DC Fast Charger



Level 3 EV Charger

Model: EVMDC120CV / EVMDC150CV / EVMDC180CV
120kW / 150kW / 180kW

Maximize speed, reliability, and uptime with EVmode's dual connector DC fast charger. Designed for simultaneous charging with an integrated payment solution to offer drivers a fast and seamless charging experience.

EV Charger Specs

- Input Rating : 480V AC +-10%, 3Phases 4 Wires + PE
- Input Current Rating : 132kW: 158A; 165kW: 198A; 198kW: 238A
- Power Factor : >0.96
- Peak Efficiency : > 94%
- Max Output Power : 180W
- Output Voltage : 150-1000V DC
- Max Output Current : 300A
- Protection : Over-Current, Over-Voltage, Under-Voltage, Ground-Fault, Over-Temperature, Short-Circuit & Surge Protection

Environmental

- Environmental Rating : NEMA 3R & IK-10
- Operating Temperature : -31°F to +122°F (Power Derating at extreme temperatures)
- Storage Temperature : -40°F to +176°F
- Humidity : < 95 % RH, Non-Condensing
- Altitude : 6561 Ft.

Usability & Design

- Dual Port : CCS1 + NACS
- Cable Length : 16.5 ft
- Cable Management System : Retractable Cable
- Dimension (HxWxD) : 74.8" x 32.7" x 31.5"
- Display : 15" LCD High-Contrast Touchscreen
- Emergency Shutoff Switch
- Enclosure Weight : 921.5lb / 970lb / 1,018.5lb
- Networking : Ethernet, LTE
- Payment Interface : App, QR Code, RFID, Credit Card
- RFID Reader : ISO 14443 A+B
- Protocol : OCPP 1.6J, OCPP 2.0.1

Certifications and Standards

- Compliance and Standards : NTEP, CTEP, EnergyStar, UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E CSA C22.2 NO.107.1; EMC : FCC Part15
- Standard Warranty : Two Year Parts Warranty
- Optional Comprehensive Maintenance Plan : Parts and Labor Up To Five Years

EVmode
32600 Stephenson Hwy, Madison Heights, MI 48071
+1 248-387-5800
www.EVmode.com