



Boost Charger

Ultrafast EV Charging with Integrated Energy Storage

The Boost Charger™ is an ultrafast and flexible DC fast charger for electric vehicles (EVs). The battery-integrated design enables Boost Charger to easily connect to existing electrical infrastructure without costly construction and complex permitting. Each **Boost Charger 150** and **Boost Charger 200** unit has a 160 kWh battery capacity with high voltage output (up to 150 or 200 kW respectively) and only 27 kW or less input, making it ready for all EVs ranging from light to heavy-duty models.



HIGH PERFORMANCE

Ultrafast Charging: adds up to 200 miles of range in 15 minutes

Dual Charging: provides simultaneous charging and customizable port configurations including CCS1/CCS2 and CHAdeMO

High Power: high voltage output for charging light to heavy-duty EVs

FLEXIBLE PLATFORM

Plug & Play: battery-integrated design connects to the existing low-voltage grid, enabling cost efficient installation in hours

Small Footprint: space efficient design means no unsightly and expensive electrical infrastructure

Flexible Deployment: easy to relocate depending on charging demand and site

FUTURE-PROOF

Smart & Connected: flexible management platform allows you to integrate charger with your business or any third party charging software

Lower Operating Costs: energy buffering technology limits input from the grid, reducing costly demand charges



ENERGY STORAGE

| | |
|-------------------------|-------------------|
| Energy Chemistry | Lithium-ion (NMC) |
| Energy Storage Capacity | 160 kWh |

ELECTRICAL SPECIFICATIONS (OUTPUT)

| | | |
|---------------------------|--|---|
| Supported Connector Types | CCS1 / CCS2 CHAdeMO | |
| Charge Ports | 2 | |
| Max Output Power (DC) | Boost Charger 150 CCS: 150 kW CHAdeMO: 100 kW Combined: charge 2 vehicles simultaneously at up to 75 kW each | Boost Charger 200 CCS: 200 kW CHAdeMO: 100 kW Combined: charge 2 vehicles simultaneously at up to 100 kW each |
| Voltage | 200-500 Vdc | 200-950 Vdc |

ELECTRICAL SPECIFICATIONS (INPUT)

| | |
|--------------|---|
| Power (AC) | ≤ 27 kW |
| Voltage (AC) | U.S./Canada: 208 Vac 3-phase, or 240 Vac split-phase U.K./E.U.: 400 Vac 3-phase |
| Current | U.S./Canada: 208 Vac: 80 amps maximum load, or 240 Vac: 120 amps maximum load U.K./E.U.: 400 Vac: 40 amps maximum load |
| Frequency | 50 / 60 Hz ± 1% |

MECHANICAL SPECIFICATIONS

| | |
|--------------------------|--|
| Dimensions | 109 cm (43") L x 101 cm (40") W x 243 cm (96") H |
| Cable Reach from Station | 340 cm (134") |
| Weight | 1,720 kg (3,800 lbs) |

ENVIRONMENTAL SPECIFICATIONS

| | |
|---------------------------------|-----------------------------------|
| Installation Location | Outdoor |
| Enclosure Protection Rating | IP 54 |
| Operating & Storage Temperature | -20° C (-4° F) to +55° C (131° F) |

NETWORK & USER INTERACTION

| | |
|---------------------------------|---|
| Network Connection | 4G LTE, Ethernet |
| Communications | OCPP 1.6-J |
| User Interface Screen | 61 cm (24") ruggedized LCD touchscreen |
| Credit Card Reader | Standard |
| Payment Methods Accepted | Credit cards, NFC, MIFARE, FeliCa |
| Access Control & Authentication | RFID: ISO 15693, ISO 14443, NFC |
| Safety & Compliance | U.S.: UL2202, UL2231-1, UL2231-2, UL991, UL1973 (battery pack), FCC Part 15 Class A Canada: CSA 107.2, CAN/UL 1973 |