



# Boost Charger 200

## Ultrafast EV Charging with Integrated Energy Storage

The Boost Charger™ 200 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. Boost Charger has a 160 kWh battery capacity with 200 kW output and only 27 kW or less input, making it ready for all EVs including 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:** outputs up to 950 V 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)	CCS: 200 kW CHAdeMO: 100 kW Combined: charge 2 vehicles simultaneously at up to 100 kW each
Voltage	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 continuous, or 240 Vac: 120 amps continuous U.K./E.U.: 400 Vac: 40 amps continuous
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.: US:UL2202, UL2231-1, UL2231-2, UL991, UL1973 (battery pack), FCC part 15 Class A (U.S.) Canada: CSA 107.2 CE & IEC expected complete 2022