



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.



HEAVY-DUTY

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	200-1,000 Vdc

ELECTRICAL SPECIFICATIONS (INPUT)

Power (AC)	≤ 27 kW
Voltage (AC)	U.S./Canada: 208 Vac 3-phase, or 240 Vac single-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 Length	340 cm (134")
Weight	1,810 kg (3,990 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	USA/Canada: UL2202, UL2231-1, UL2231-2, UL991, CAN1973 (battery pack) Canada: CSA No 107.2 EU: EN/IEC 61851-1:2019, EN 61851-23:2014+AC:2015, EN62311:2008, EN 60950-1:2006+A11:2009+A10:2010+A12:2011+A2:2013, EN 62368-1:2014 +AC:2015