



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	200-1,000 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, or 240 Vac: 120 amps U.K./E.U.: 400 Vac: 40 amps
Frequency	50 / 60 Hz ± 1%

MECHANICAL SPECIFICATIONS

Dimensions	109 cm x 101 cm x 241 cm (43 in x 40 in x 94.7 in)	
Cable Length	Standard: 340 cm (134")	Extended: 550 cm (216")
Weight	Boost Charger 150 1,720 kg (3,800 lbs)	Boost Charger 200 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	U.S.: UL2202, UL2231-1, UL2231-2, UL991, UL1973 (battery pack), FCC Part 15 Class A; 15118 hardware ready Canada: CSA No. 107.2, CAN/UL 1973, ICES-001 Class A EU: EN/IEC Compliant