



Pro Series

Ultrafast EV Charging with Bidirectional Energy Storage

Boost Charger Pro and **Boost Power Pro** are the next evolution in ultrafast EV charging and energy services. The fully-integrated design packages 150 kWh of lithium-ion energy storage, capable of high-voltage output up to 200 kW, with configurable input power up to 53 kW. Boost Charger Pro and Boost Power Pro are revolutionizing site dependability by introducing blackout charging and bidirectional energy flow. These innovations empower site operators to facilitate EV charging, harness backup power capabilities, and optimize energy cost. These features mark a definitive stride towards the future of EV charging and energy management.



HIGH PERFORMANCE

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

Simultaneous Charging: provides dual charging and customizable port configurations including CCS1 and NACS

High Power: high voltage (950 Vdc) output for charging light to heavy-duty EVs

INCREASED RESILIENCE

Blackout Charging: charge vehicles when the grid fails, maintaining vehicle continuity during outages

Site Backup Power: power your site when the grid fails. Integrate on-site energy generation for additional support for extended outages

FUTURE-PROOF

Lower Operating Costs: energy buffering technology lowers energy consumption from the grid, reducing costly demand charges, and optimizes time of use rates

Energy Optimization: manage overall site energy spend and unlock additional revenue streams by selling services to the grid

ENERGY STORAGE

Energy Chemistry	Lithium-ion (NMC)
Energy Storage Capacity	150 kWh

ELECTRICAL SPECIFICATIONS (DC OUTPUT TO VEHICLE)

Supported Connector Types	CCS1; SAE J3400 (NACS)
Charge Ports	2
Max Output Power (DC)	200 kW Simultaneous Charging: dynamic power sharing between connectors up to 200kW
Voltage	200-950 Vdc
Blackout Charging	Yes

ELECTRICAL SPECIFICATIONS (AC INPUT)

Power (AC)	240 Vac ≤ 27 kW 208 Vac, 480 Vac ≤ 52.5 kW
Voltage (AC)	208/480 Vac 3-phase four wire (L1/L2/L3/N), 240 Vac single-phase three wire (L1/L2/N)
Current	208 Vac: 150 amps, 480 Vac: 65 amps, or 240 Vac: 105 amps
Frequency	50 / 60 Hz ± 1%

ELECTRICAL SPECIFICATIONS (AC OUTPUT TO GRID)

Rated Power (AC)	208/480 Vac 3-phase: 50 kW 240 Vac single-phase: 25kW
Grid Forming Capable	Yes

MECHANICAL SPECIFICATIONS

Dimensions (Depth x Width x Height)	112 cm x 104 cm x 239 cm (44 in x 41 in x 94 in)
Cable Length	Standard: 340 cm (134") Extended: 550 cm (216")
Weight (Estimated)	1,450 kg (3,200 lbs)

ENVIRONMENTAL SPECIFICATIONS

Installation Location	Outdoor; not for marine locations
Enclosure Protection Rating	IP 54, Type 3R
Operating & Storage Temperature	-30° C (-22° F) to +50° C (122° F)

NETWORK & USER INTERACTION

Network Connection	4G LTE, Ethernet
Communications	OCPP 1.6-J or 2.0.1
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, ISO 15118, NFC
Safety & Compliance	

Specifications for U.S./Canada. Subject to change