

The NOVA™ has a sleek, minimalistic design, built to fit anywhere in a parking lot and to withstand the elements. Configurable as a single, dual unit or wall-mounted charger, Nova™ is the perfect solution for sites that require 2 or 200 chargers.

EV Chargers

- One (1) or two (2) L2 integrated chargers per pedestal

Cable management: cord retractors & holsters

Independent or paired with Aurora / Solstice

Charging configurations:

- Single pedestal
- Dual S/S pedestal (side-by-side)
- Dual F/B pedestal (front-to-back)
- Wall mount

EOS Charge Portal

- Backend EV analytics, updates & reports
- EOS Charger App for drivers

Reservations, smart charging, OTA updates

Dynamic load management

4G/LTE or LAN required

Mounting & Safety

- Structural foundation file available by request
- Cast in place, 4,000psi reinforced
- 2021 IBC compliant

Wind/Seismic rated: Up to 170mph / Class D

Foundation (L x W x H): 30" x 30" x 48"

Power Management

- Integrated Load Center (optional)
- Battery storage unit (optional)

Battery size: 14kWh

Min. service requirement: 200A 208/240VAC

Metered service & disconnect required



EV Charger Specifications

(Single unit)

Charging mode	Level 2 (AC)
Cable length	18' standard / 25' optional
Enclosure protection	IP65 and IK08
Cooling method	Natural
Operating temperatures	-22°F to 122°F
Humidity / altitude	< 95% (non-condensing) / ≤ 6562ft

Power

Input rating	208/240VAC
Frequency	50Hz/60Hz
Output current	48A, 40A, or 32A configurations available
Output power	11.5kW @ 48A, 9.6kW @ 40A, or 7.7kW @ 32A
Recommended breaker size	60A breaker @ 48A current 50A breaker @ 40A current 40A breaker @ 32A current

Interface & Communication

Authentication	RFID/ISO15118
External communication	LAN, 4G, or WiFi
Internal communication	OCPP 1.6J
Firmware updates	Over-The-Air

Structure

Dimensions (LxWxH)	16.5" x 12.5" x 78"
Weight	Up to 62lbs
Wind/Seismic Rated (2021 IBC compliant)	Up to 170mph / Design Category D

Protections

RCD/CCID	CCID 20
Input side	UVP, OVP, surge protection, ground fault
Output side	OCP, control pilot fault, residual current protection
Protocol	OTP, CCID self-test, MCU function fault detection

Certifications

Safety	UL2594, UL2231-1/-2
Standards	Energy Star, OpenADR 2.0
Wireless	FCC
Charging interface	SAE J1772 Type 1 Plug