The Aurora™ was built to offer the first fully integrated network of smart engagement technology and has modernized the way businesses connect with consumers. EOS' Aurora™ offers a digital out-of-home marketing platform, solar energy, backup battery and a robust power management system.

126"
172"
164"
22"
102"

EV Chargers

- *Two (2) integrated L2 chargers*

Cable management: *cord retractors & holsters*
Satellite charging configurations (optional):

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

Mounting & Safety

- *Permit packages available by request*

Wind rating: *up to 115mph*
Foundation: *steel frame, pre-cast, or piers*
Listings: *UL*

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

Power Management

- *Integrated Load Center (optional)*
- *Built-in battery storage unit*

Battery size: *14kWh*
Min. service requirement: *200A 208/240 VAC*
Metered service & disconnect required

Digital Out-of-Home Media

- *Advertising platform, branding opportunity*
- *Network of digital outdoor screens*

Digital display: *75" 4K LCD*
Power draw: *650W (Avg.) on 20A breaker*
Media display powered by renewable energy

Solar Infrastructure

- *Augments grid power feed*
- *Federal ITC eligible*

Bifacial panels: *Six (6) 415W*
Solar canopy (LxWxH): *172" x 126" x 19"*
Max. solar output: *2.5kW*

EV Charger Specifications	(Single unit)
Charging mode	Level 2 (AC)
Cable length	18' standard / 25' optional
Enclosure protection	NEMA 4X
Cooling method	Natural
Operating temperatures	-40°F to 122°F
Humidity / altitude	< 95% (non-condensing) / ≦ 2000m

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

Interface & Communication	
Display	Dynamic LED
Authentication	RFID/ISO15118
Meter	ANSI C12.20 compliant
External communication	WiFi
Internal communication	OCPP 1.6J
Firmware updates	Over-The-Air

Structure	
Overall Dimensions (LxWxH)	102" x 22" x 164" (w/ Solar Canopy)
Solar Canopy Dimensions (LxWxH)	172" x 126"x 19"
Weight	+/- 4,275lbs (assembled)
Wind Rated	Up to 115mph

Certifications	
Safety	UL, cUL
Standards	Energy Star, OpenADR 2.0
Wireless	FCC
Charging interface	SAE J1772 Type 1 Plug