



Shown with  
optional cable  
management  
system

## CoRe+

### Smart level 2 charging station for private, public and commercial applications

The CoRe+ charging station is specifically designed for private applications such as workplaces, multi-unit residential buildings, fleets, and is also suitable for public spaces

#### Benefits

- **PowerSharing™ technology (U.S. Pat. No. 9,927,778)**  
Greatly reduce installation cost by sharing the remaining incremental capacity of an existing electrical infrastructure
- **PowerLimiting™ technology (U.S. Pat. No. 10,197,976)**  
Add multiple charging stations to an existing installation while minimizing the building's peak power demand through:
  - Fixed limit
  - Scheduled limitations
  - Integration to a Building Management System (BMS)
- Rugged and reliable design able to withstand harsh weather

#### Smart Charging Solution

- **Enhanced charging station owner experience** - Complete remote management capabilities including software and firmware updates
- **Enhanced user experience** - Deliver real-time updates and notifications to drivers
- **Revenue generation** - Implement payment services to generate revenue
- **Access control** - Configure stations to authorize access using the FLO mobile app or RFID card authentication, or allow unrestricted access to the station

#### Key features

- NEMA 4X cast aluminum casing
- Certified to operate in temperatures ranging from -40 °F to 122 °F
- Equipped with a charging cable that remains flexible at low temperature
- Wall-mounted and pedestal configuration options
- Pedestal configuration that helps meet ADA requirements
- Modular design to facilitate servicing and maintenance
- Access provided free of charge or according to a usage fee
- LED status indicator
- Optional cable management system
- Optional cascading kit enables serial daisy-chain connection of multiple charging stations on pedestals and on the same branch circuit

# Overview

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The CoRe+ charging station is designed for applications where multiple charging stations may be necessary now or in the future, such as public sites, workplaces, multi-unit residential buildings (condos and apartments), or commercial fleets. The CoRe+ can be equipped with a cable management system keeping the cables safe and suspended.

## Future-proof energy management features

### PowerSharing

- Allows the addition of charging ports (keeping up with the fast-paced increase demand for EVSE) for limited electrical infrastructure.
- Requires minimal modification to an existing electrical installation. Our technology can power up to 4 times more vehicles than standard installations would allow.

### PowerLimiting

- Minimize the incremental power demand on the building's infrastructure (which can significantly increase with uncontrolled EVSEs).
- Limits the power drawn from the grid for an entire site based on a schedule or by communicating directly with a BMS.

## Physical features

- Rugged charging station able to withstand extreme weather and corrosion
- Thick and sturdy cast aluminum casing
- Universal SAE J1772 connector
- Flexible 21-foot cable (25-foot optional) that remains malleable even during winter's coldest temperatures
- Mounting pedestal helping to meet ADA requirements

# Applications

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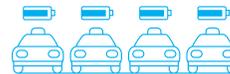
## Public sites

For business owners and organizations wanting to provide their customers with first-class charging experience and become a destination of choice, while demonstrating their sustainable development leadership.



## Workplace

For companies looking to offer an EV charging service to their employees, and looking for a solution that can evolve at the same rate as the demand for the service while maintaining reasonable installation and operation costs.



## Fleet

For fleet managers who wish to grow their EV fleets without expanding their electrical infrastructure while maintaining the operational costs at an affordable level.

# Available configurations

CoRe+

CoRe+ with cable management system



Wall-mounted



Single pedestal



Back-to-back pedestal



Wall-mounted



Dual side-to-side

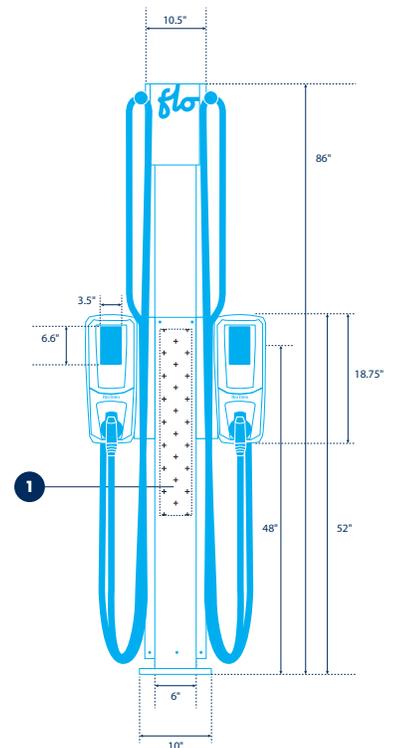
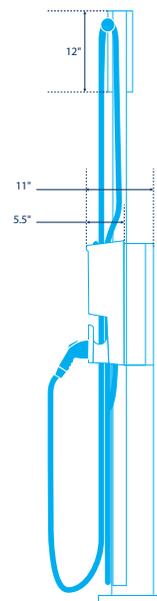
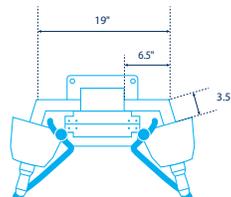
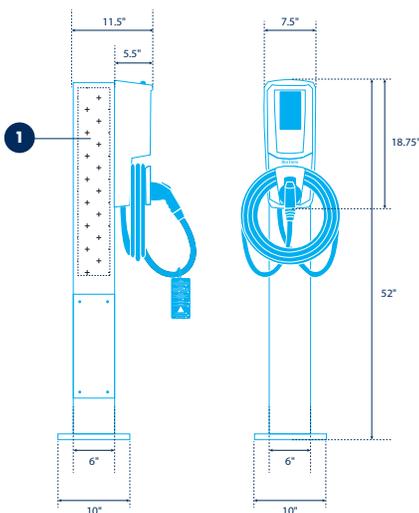


Back-to-back or single pedestal

# Dimensions and customization

- 1 Every charging station includes easily customizable branding areas. The CoRe+ comes in its original colour, which can be modified with your custom signage.

**Customizable partner panel area**  
Dimensions (H x W): 30" x 4.72"



# Technical specifications

<b>Aluminum casing</b>	NEMA 4X
<b>Charging connector</b>	SAE J1772
<b>Cable</b>	21' (optional 25')
<b>Electrical load</b>	Standard: 30 A @ 208 VAC or 240 VAC for each charging station
<b>Charging power</b>	1.2 kW to 7.2 kW (maximum configurable by software)
<b>Output current</b>	6 A to 30 A (maximum configurable by software)
<b>Integrated GFCI</b>	20 mA, auto reset (3 attempts at 15-minute intervals)
<b>Frequency</b>	60 Hz
<b>Operating and storage temperature</b>	-40 °F to 122 °F
<b>Weight</b>	Charging station: 21 lb Pedestal: 32 lb
<b>Humidity</b>	Up to 95% (non-condensing)
<b>Card reader</b>	ISO 14443 A/B, ISO 15693, NFC
<b>Communication interface</b>	ZigBee - IEEE 802.15.4 meshed network
<b>Networking</b>	Cellular – 3G/LTE (gateway is installed separately for optimal performances)
<b>Certifications</b>	CSA certified for Canada and United States Complies with UL 2594, UL 2231-1, UL 2231-2
<b>EMC compliance</b>	USA - FCC 47 CFR 15, class A CAN - ICES-3 (A) / NMB-3 (A)



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