



Shown with optional cable management system.

SmartDC-V2

Multi-Standard DC Fast Charging Station

Equipped with both CHAdeMO and SAE Combo connectors, the SmartDC-V2 charging station is designed to offer a fast, reliable charging experience for every electric vehicle capable of DC fast-charging.

Benefits

- Reduce Mean Time To Repair (MTTR) and enhance customer experience with the Remote management tool (based on OPN-Intranetworking open protocol)
- Avoid peak energy demand and save on operational expenditures with adjustable output power control option

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

- Robust NEMA 3R casing, reliable and designed to withstand harsh weather and corrosion
- Modular design to facilitate servicing and maintenance
- 50 kW maximum output power
- Compatible with the CHAdeMO and SAE J1772 Combo protocols (Tesla compatible, w/ adapter)
- RFID card and/or mobile app authentication and payment
- Optional cable management system

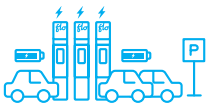
Overview

The SmartDC-V2 is a robust, reliable 50 kW multi-standard charging station for commercial and industrial applications designed for indoor and outdoor use. Its sturdy construction ensures longer service life and greater operational reliability, even in the harshest of environmental conditions.

The SmartDC-V2 is equipped with adjustable power capability, which enables limiting peak power demand from the grid, helping to reduce the associated "demand charges." It also comes with a remote management tool to connect with FLO's cloud-based servers. Using this powerful feature, the SmartDC-V2 can be integrated into any modern EV charging network.



Applications



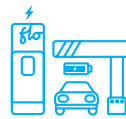
Commercial parking lots

For public location owners interested in offering their customer base an EV DC fast-charging service.



Fleet

For EV fleet managers who want to minimize charging time and maximize the usage rate of their fleet.



Gas stations

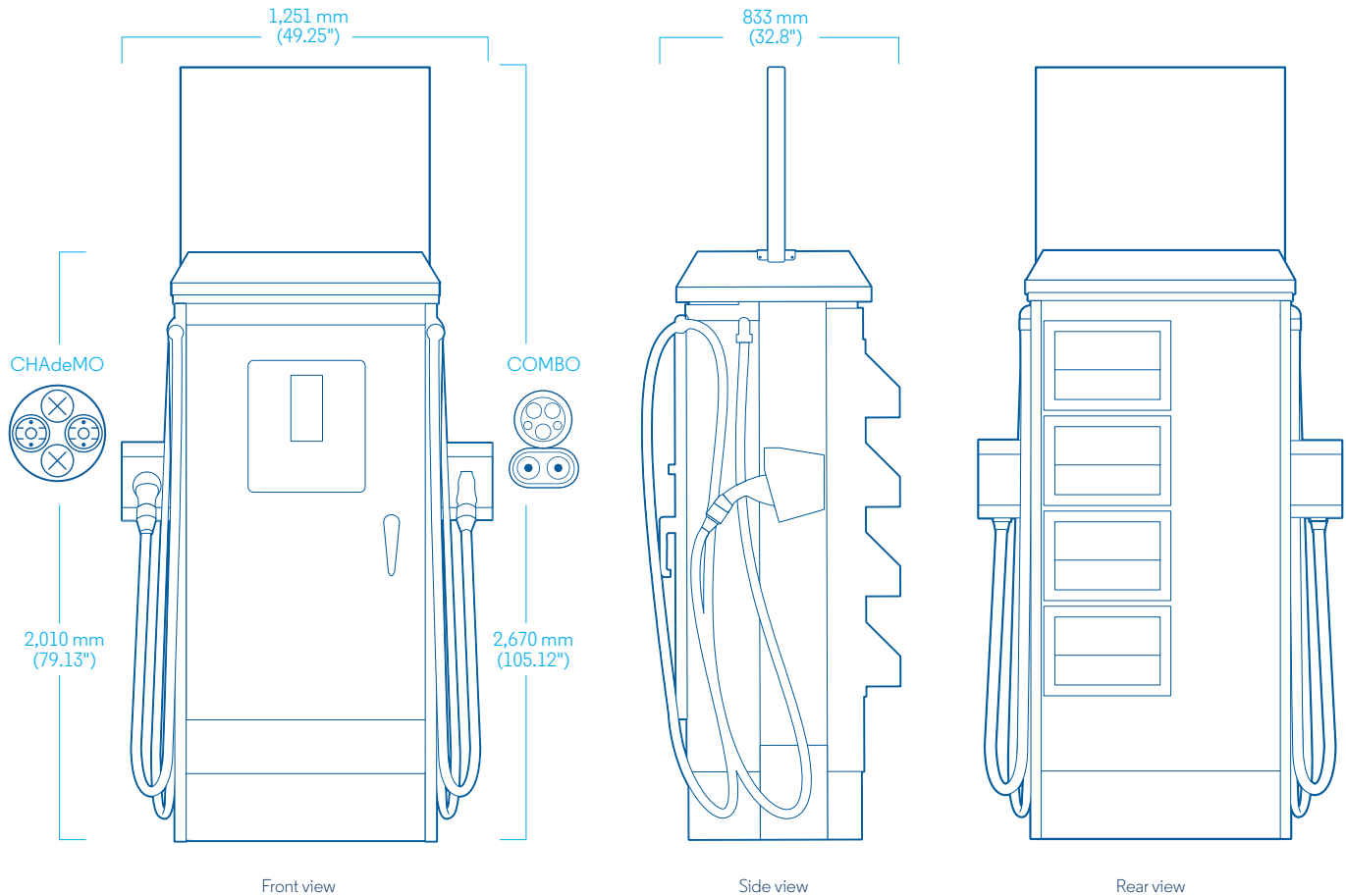
For gas station owners who wish to offer a complementary service that will help retain customers migrating to EVs.



Rest areas

For public administrators responsible for highways that wish to encourage electromobility between cities.

Dimensions and customization

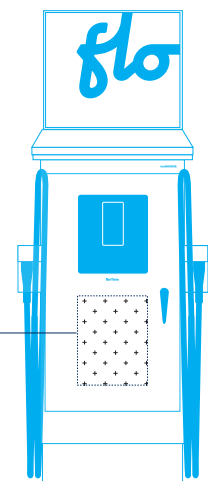


Every charging station includes a customizable branding area. This area allows the display of partner logos or other publicity.

Customizable partner panel area

Dimensions (H x W): 530 mm (20.8") x 415 mm (16.14")

Contact FLO for artwork templates and material specifications.



Technical specifications

Aluminum casing	NEMA 3R
Charging connectors	SAE J1772 Combo and CHAdeMO
Cable	6.7 m / 22' Ultra Flex
Supply voltage	Nominal three-phase 480/277 VAC, 60 Hz
Maximum input current	67 A @ 480 VAC
Maximum input power	54 kW
Power factor	98 % or better
Efficiency (at max. output power)	93 % or better
Output voltage range	200 to 500 VDC
Output current range	0.5 to 125 ADC
Operating temperature	-40 °C to 40 °C (-40 °F to 104 °F)
Dimensions (H x W x D)	<p>With cable management system 2,010 mm x 1,251 mm x 833 mm (79.13" x 49.25" x 32.8")</p> <p>Without cable management system 2,010 mm x 1,190 mm x 833 mm (79.13" x 47" x 32.8")</p> <p>Height with top sign installed 2,670 mm (105.12")</p>
Humidity	Up to 95 % (non-condensing)
Card reader	ISO 14443 A/B, ISO 15693, NFC
Communication interface	ZigBee - IEEE 802.15.4 meshed network
Networking	Cellular – 3G
Certifications	CSA evaluated for Canada



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Designed and manufactured
 by AddÉnergie