

# FLO Ultra™ Series

The ultimate fast charging experience.



## Smart Design

- Increase station utilization with two high powered ports in a single enclosure.
- With up to 320 kW, recharge up to 75mi/120km in as little as 10 min.\*
- Dedicated intuitive user interface for each charging port.
- Optimize available real estate with choice of parking configurations.



## Brillantly Simple

- FLO EZLift™, motorized cable management for effortless charging.
- Attract drivers with highly visible integrated lighting canopy and intuitive state of charge indicators.
- Flexible, secure payment options.



## Built-to-Last

- Rugged, aluminum enclosure to withstand the elements.
- Modular design for maximum uptime, easy serviceability, and expandability.
- Designed for maximum uptime and redundancy ensuring each port, user interface and FLO EZLift™ cable management operate independently.

\*recharge time and added range are dependent on EV and station configuration.



# Technical specifications



## HARDWARE

Enclosure	Aluminum Type 3R
Charging Connectors	CCS Type 1, IEC 62196, J3400 (2025)
Charging Protocol	DIN-SPEC 70121, ISO15118-2 (tested under ISO15118-4 -5)
Standard Cable Length	5.5m / 18 ft
Cable Management System	FLO EZLift™ motorized cable management
Operating Temperature	-40° C to 50° C / -40° F to 122° F (with derating)
Maximum Operating Altitude	2000 m
Storage Temperature	-40° C to 70° C / -40° F to 158° F
Humidity	5% to 95%, non-condensing
Weight	680 kg / 1500 lbs
Dimensions (H x W x D)	2543 mm x 3005 mm x 704 mm (or 1222 mm w/ cable swing) / 8.3 ft x 9.9 ft x 2.9 ft (or 4 ft w/ cable swing)

## ELECTRICAL

Input Rating	480 Y/277 V (-15% to +10%)
AC Nominal Current	≈ 408A
AC Input Connection	3-phase: L1, L2, L3, GND
Short Circuit Current Rating	65kA
Oversoltage Category	IV
Power Factor	>98% TBC
THDI (@ rated output)	< 5%
Max Output Power	320 kW (2 x 160 kW)
Efficiency @ Nominal Output Power	>93% TBC
Max Output Current	0.5 up to 500 ADC depending on cable and configuration
Max Charging Voltage	150 to 1000 VDC
Installation Configurations	Pull-In or Pull-Through
Charging Connector and Cable Configuration	(2) CCS1-500A liquid cooled J3400 (NACS) option (2025)
Integrated Protection	IM/I, GM/I
Frequency	60 Hz

## INTERFACE

<b>User Interface</b>	12.1" color LCD touchscreen. Dimensions: 10 9/32" x 6 11/32" (261 mm x 163 mm) English, French, Spanish. Charging station and vehicle state of charge LED indicators
<b>Credit Card Reader</b>	Standard card reader: tap (NFC), insert, swipe
<b>RFID User Authentication</b>	ISO 14443A/B, ISO 15693, HID, MiFare

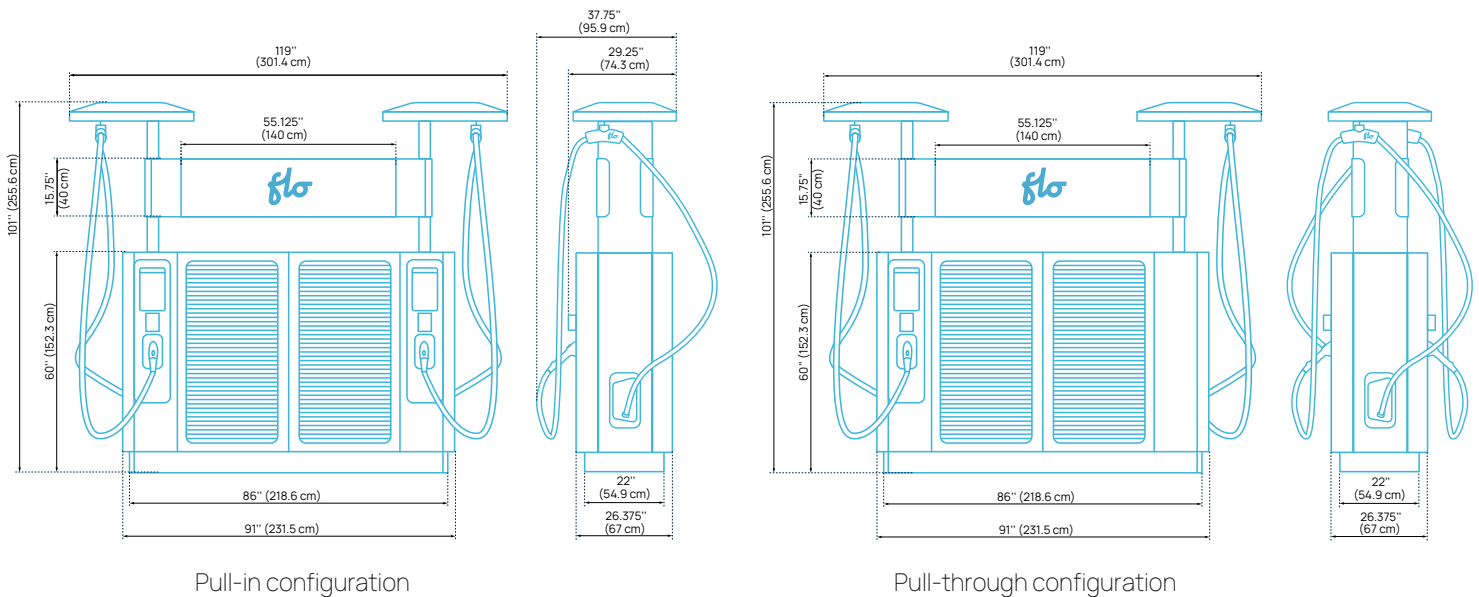
## CONNECTIVITY

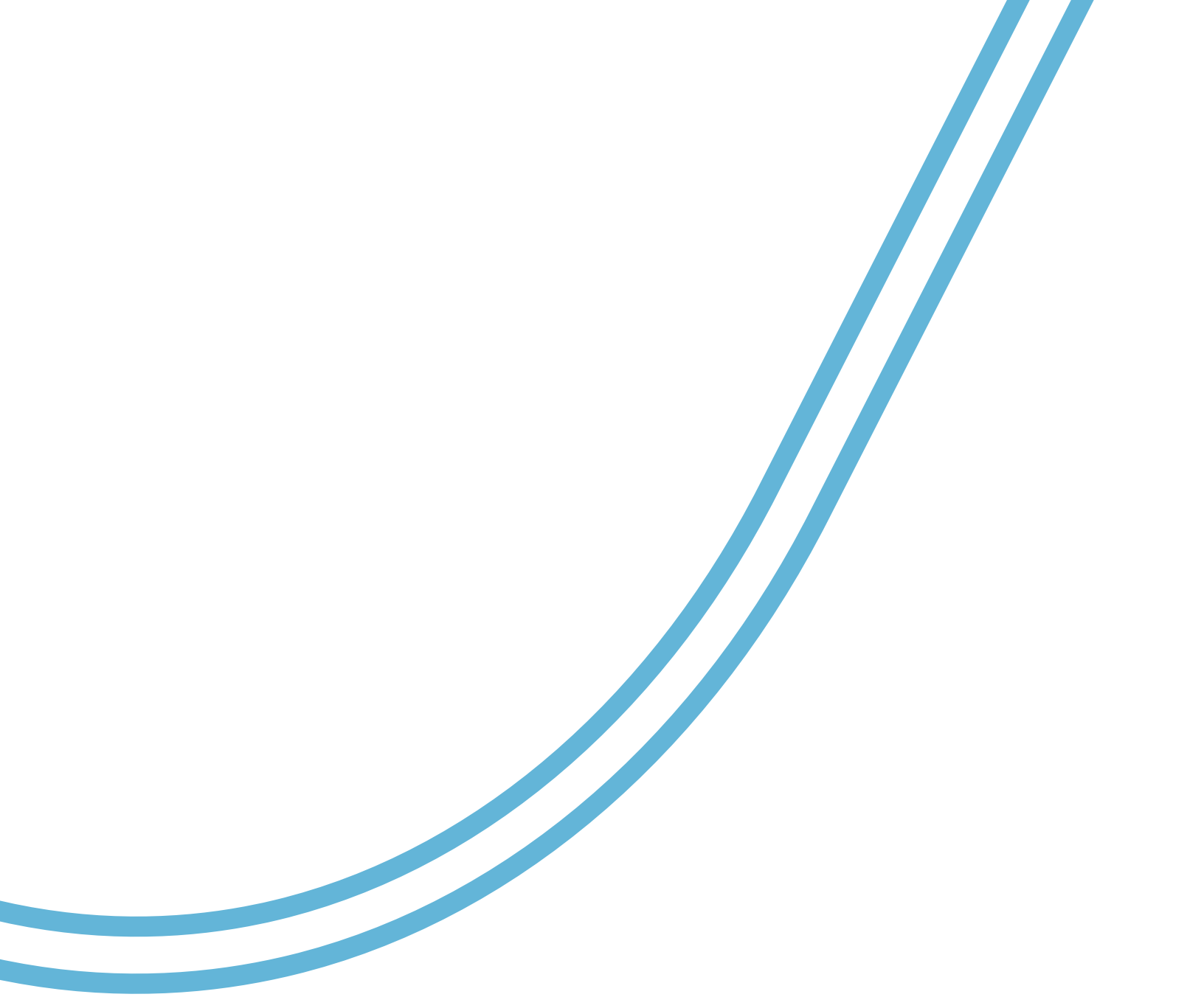
<b>Communication Interface</b>	Optional WAN connection
<b>Cellular Communication</b>	4G (LTE)
<b>Communication Protocol</b>	OCPP 1.6J, OCPP 2.0.1
<b>Energy Metering</b>	Incoming AC monitoring, DC energy meter

## CERTIFICATIONS AND COMPLIANCE

<b>Certifications</b>	UL2202/UL2231-1/UL2231-2 CSA C22.2 No 346/CSA C22.2 No 281.1/CSA C22.2 No 281.2 cTÜVus (NTRL) NIST Handbook 44 S3.40 - Type Evaluation Program
<b>EMC Compliance</b>	FCC 47 CFR Part 15, CAN ICES-003(B) / NMB-003(B)
<b>ENERGY STAR</b>	1.2 certified
<b>Metering Certifications</b>	Coming soon
<b>Accessibility</b>	Meets ADA Requirements

## Dimensions and customization





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