



FLO Home™ X8

80 amp smart EV charger redefining reliability

Reliability redefined

- **Built to outlast**
Provides ultimate peace of mind with an industry-leading 5-year warranty supported by high-quality components that go the extra mile.
- **Weather warrior**
Braves rain, snow, ice, sea breeze, and dust with a type 4X thermoplastic enclosure and a commercial-grade cable that stays flexible in extreme cold and sweltering heat.
- **Safeguarding your most significant investments**
Full safety certification and embedded heat sensors in the connector detect overheating for a worry-free charging experience.

Style meets performance

- **Ultimate power for any EV**
Provides up to 80 amps (19.2 kW) to match the onboard charger capacity of high-performance vehicles and pickup trucks.
- **Timeless design doesn't fade over time**
Ideal for any setting, indoors or outdoors, its durable aluminum construction stands the test of time while subtle lighting and branding integrate effortlessly into any environment without standing out.
- **Perfected for real-life scenarios**
Use as an all-in-one unit or detach the cable holster to manage the 25 ft (7.62 m) cable in the way that works for your unique situation.

Charge smarter, not harder

- **Schedule your savings**
Take advantage of lower utility rates with our robust scheduling options.
- **EV charging concierge at your fingertips**
Access real-time charging status data at home and across thousands of public FLO chargers with our top-rated FLO app.
- **Stay in control at all times**
Secure your charger from unauthorized use with a single tap.

Technical specifications

ELECTRICAL

Maximum output power	19.2 kW @ 240VAC; 16.6 kW @ 208VAC
Maximum output current	80 A (adjustable from 6 to 80 A)
AC input voltage	208-240 V @ 60 Hz
AC input connection	Hardwired (default current set to 80 A)
Wiring schema	L1, L2, G
Compatible wiring type	Copper Aluminum
Wire entry options	Bottom Rear Side (with modifications)
Prevention features	Integrated GFCI 20mA, auto-retry Connector heat sensor
Daisy chain	Yes

ENVIRONMENT

Operating temperature	-40 °C to 50 °C (-40 °F to 122 °F)
Operating humidity	5% - 95% (non-condensing)
Storage temperature	-40°C to 60°C (-40°F to 140°F)
Humidity non-operating	5%–95% (non-condensing)

CERTIFICATIONS AND COMPLIANCE

Certifications	UL listed to UL2594 / CSA C22.2 No 280 (certificate # E522576) ENERGY STAR
Compliance	NEC 2023 article 625 / CSA C22.1 FCC 47 CFR Part 15 / CAN ICES-003(B); NMB-003(B)

COMMUNICATION

Connection	Wi-Fi 2.4GHz Cellular LTE-M*
FLO mobile app	Restrict access, remote start & stop, charging schedule, real-time status, charging history, charging notifications

*Cellular connectivity to the FLO network is a feature in development and may not be enabled at the time of purchase. FLO uses cellular connectivity to administer certain over-the-air product updates and to better understand the location and energy usage of its customers. Please read our privacy policy at www.flo.com/en-ca/privacy-policy to learn about your privacy rights and how we handle personal information.



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PHYSICAL

Dimensions (H x W x D)	409.4 mm x 208.8 mm x 190.25 mm (16.09" x 8.25" x 7.5")
Weight	10.2 kg (22.5 lbs)
Cable length	7.62 m (25 ft) commercial grade
Cable diameter	19.1 mm (0.75 in.)
Cable and connector holster	Detachable
Charging connector	SAE J1772 designed to withstand 10,000+ charging cycles with embedded heat sensor
Status indicator	Charging status LED, connectivity status LED
Enclosure material	Recyclable aluminum
Elements protection	Type 4X
Impact rating	IK10
Mounting	Wall mount Pedestal mount
Colour	Absolute black
Limited warranty	Five (5) years for residential use, One (1) year for commercial use
Compatible accessories	Basic pedestal Residential pedestal Wall mounted charging cable retractor

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