

180kW - Level 3

GEN4 All-in-One DC Fast Charger

The future ready alternative for EV charging innovation

Best-in-class EV charging station performance

The Gen4 180kW all-in-one (AiO) DC Fast Charger for electric vehicles can provide an 80% EV battery charge in as little as 10 - 15 minutes, offering the capability to serve more customers in less time.

Forward thinking innovation is found in GEN4's high performance design, with optional future-forward Liquid Cooled Cable technology to support advanced 500A charging applications.

GEN4 offers everything needed for EV charging speed, convenience, flexibility, reliability, and low total cost of ownership.

Simultaneous charging

The AiO DC Fast Charger is designed to charge two electric vehicles simultaneously at up to 90kW.

Options

- Liquid Cooled Cables
- 15" or 32" touchscreen
- RFID and credit card payment

KEY FEATURES

- Charge in as little as 10 - 15 minutes
- Simultaneous charging
- CCS-1 and CHAdeMO connector options
- Integrated cord retraction
- Modular system for future upgrades
- Serviceable by design front and side door access
- Lightweight internal components maintenance can be managed by a single person
- ADA compliant



Applications

Fleets
EV mobility service providers
Gas stations and C-stores
Commercial lots

Specifications

CCS-1 - DC Charge

Max Power Rating	180kW
Output Voltage Range	200 – 920 VDC
Output Current	500A max.
Cable Length	15.4 ft.

CHAdeMO - DC Charge

Max Power Rating	100kW
Output Voltage Range	200 – 500 VDC
Output Current	200A max.
Cable Length	13 ft.

General System Specifications

Efficiency	> 94%
Power Factor	> 0.99 full load
Humidity	95% non-condensing
Operating Temperature	-22°F to 122°F, (-30°C to 50°C)
Altitude	Up to 6,000 ft
Protection Rating	NEMA 3R
Dimensions	87.44 x 52.4 x 32.2 in. (HxWxD)
Weight	~ 1,544 lbs.


AC Input - Grid Connection

AC Connection	AC 3-phase L1, L2, L3, PE
Input Voltage	480 VAC, 3 Phase, +10% / -15%
Frequency	47 – 63 Hz
Input Current Rating	238A

Connectivity

Communication	LAN; WiFi; Cellular
Protocol	OCPP 1.6J

Certifications

Safety and EMC Standards	UL STD 2022, 2231 CSA STD C22.2 NO. 107.1	
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Contact a SimplyFuel Solutions consultant for the options that best fit your needs.



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