

FLEET FAST CHARGING STATION, 125KW DC

SECURE, SAFE, FAST CHARGING FOR YOUR HARDWORKING FLEET

MODEL EV125-FS

FEATURES

- Intuitive plug-and-charge interface
- Outdoor-rated enclosure NEMA 3R
- Robust IGBT power technology
- CHAdeMO and other protocols available
- Point-of-Sale (POS) options
- Data management and metering options
- Wired and wireless communication options



Product in development. Prototype image shown.
Production model may vary.

SPECIFICATION	EV125
Power Rating	125kW
Power Factor	0.95
Input Power	480V, 3 Phase AC (Other inputs available)
Input Current	165A max
Frequency	50Hz / 60Hz
Efficiency Rating	>90%
Max. Output DC Current	275A
Max. Output DC Voltage	50-600V
Voltage Accuracy	1%
Current Accuracy (Lesser of the two)	.5A or 5%
Charger Shutdown Time	15 ms
Duty Cycle Rating	100%
Storage Temperature	-40°F to 140°F -40°C to 60°C
Operating Temperature	-22°F to 122°F -30°C to 50°C
Relative Humidity	95% (Non condensing)

Information and specifications subject to change.

Our EV125-FS Fleet Fast Charging Station delivers a fast, reliable, and safe charge to fleet electric vehicles (EVs) such as delivery vehicles, shuttles, repair and service vehicles, and large and small municipal transportation vehicles. EV125-FS is designed to withstand variable weather conditions and supports fleets with:

- Large batteries
- No overnight shut down
- Unpredictable routes
- Long routes that exceed battery range

How It's Used: Our Fleet Fast Charging Stations are installed centrally in the fleet yard or in distributed locations along the route. The experience of "filling up" with our EV125-FS is similar to that of using a gas pump. Fleet drivers just pull up to our electric "pump" for a quick and safe charge in a matter of minutes. As battery chemistries evolve to support faster charging, a 25kWh EV battery may receive up to an 80% battery capacity charge in less than 10 minutes, depending on conditions.

Proven Architecture: Considered by many to be the most powerful and advanced EV charging technology, DC Fast Charging has been advanced by AV for more than a decade in large, fielded installations. The EV125-FS is based on the same demonstrated technology that has made AV the leading provider of industrial and commercial fast chargers to airports, logistics providers, warehouses, and manufacturing plants the world over.