

FLEET FAST CHARGING STATION, 250KW DC

SECURE, SAFE, FAST CHARGING FOR YOUR HARDWORKING FLEET

MODEL EV250-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



Our EV250-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. EV250-FS is designed to withstand variable weather conditions and provide additional security for installation in fleet yards or parking depots. EV250-FS 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 EV250-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 eventually 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 EV250-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.

| SPECIFICATION | EV250 |
|---|--|
| Power Rating | 250kW |
| Power Factor | 0.95 |
| Input Power | 480V, 3 Phase AC (Other inputs available) |
| Input Current | 330A max |
| Frequency | 50Hz / 60Hz |
| Efficiency Rating | >90% |
| Max. Output DC Current | 550A |
| Max. Output DC Voltage | 50-700V |
| Voltage Accuracy | 1% |
| Current Accuracy (Lesser of the two) | 4A > 100A |
| 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.