

# Orion & Voltrek: Innovative EV Charging Solutions

**YOUR PARTNERS FOR TURNKEY  
EV INFRASTRUCTURE AND  
PREMIER PRODUCTS**

orion<sup>™</sup>  
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VOLTREK



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# VALUABLE PARTNERS FOR Your EV Charging Needs

The demand for reliable and convenient electric vehicle (EV) charging infrastructure continues to rise, with no signs of slowing. In fact, Goldman Sachs estimates that half of global car sales will be electric by 2035.<sup>1</sup>

To meet these increasing demands, property owners and utilities in the public and private sectors need progressive, turnkey solutions — everything from project design and installation to ongoing maintenance — in addition to superior EV charging equipment.

## Why Voltrek

Voltrek, an Orion Energy Systems company and trusted leader in the EV charging market since 2010, specializes in designing, installing, and servicing commercial EV infrastructure. Voltrek's turnkey capabilities and expertise as a value-added reseller (VAR) of EV supply equipment (EVSE) set us apart in this ever-evolving space.

We pride ourselves on speed to market and the ability to handle projects of all scope, scale, and complexity. Achieving complete customer satisfaction and superior results fuels our team of EV charging experts.

Meeting present and future EV charging demands, we provide all the essentials — from robust products and comprehensive turnkey solutions to standalone assembly services, equipment upgrades, and much more. For customers from coast to coast, we're here to power your entire journey.



## Our Services

There's no "one size fits all" method to installing commercial-grade EV charging stations. Using a collaborative approach, our knowledgeable team members work diligently to understand your unique project needs and develop appropriate strategies with outstanding results. Our high-level services include:



### Planning & Design

- Site assessment, design, and engineering
- Grant identification and assistance
- Equipment and network selection
- Planning and permitting
- Usage policies and accessibility recommendations
- Budgeting and cost analysis



### Installation

- Turnkey services
- Project management
- Utility coordination and permit expedition
- Station programming and network activation
- Customer training
- Cost-plus and fixed-price contracting
- Assembly-only equipment services



### Service & Maintenance

- Preventative maintenance programs
- Inspection and testing of stations
- On-demand service repairs
- Quarterly cleaning
- Continuous remote monitoring of networked stations
- ChargePoint O&M Service Partner



### EVSE Product Sales

Voltrek is a premier reseller of best-in-class EV charging solutions, providing technical expertise and competitive pricing to enhance value for our customers. EV chargers can be sold directly to any customer or through existing contractor partners. Technical support, including installation guidance if requested, is a complementary benefit of partnering with Voltrek.

## Key Clients

**AstraZeneca**

**City of Boston**

**Eversource**

**Fidelity Investments**

**National Grid**

**New York Power  
Authority**

**Nissan USA**

**State of Massachusetts**

# Applications

The possibilities for EV charging stations are virtually limitless. From shopping malls to public garages, schools to government offices, the demand is skyrocketing for convenient places to plug in. Delivery fleets are also counting on these charging hubs to meet tight schedules. And let's not forget about apartments and other multifamily housing communities where EV charging is a rising star among amenities.

## We Offer EV Charging Solutions For



Workplaces



Fleets



Public  
Charging



Multi-Dwelling  
Units

## Markets Served

We're hard-pressed to find a market that doesn't have a growing demand for EV charging infrastructure. Our products and services are an ideal fit in most public and private sectors. Voltrek frequently partners with customers such as:

- + **Municipal & Government Entities**
- + **Private Property Developers & Managers**
- + **Utilities**
- + **Parking Operators and Parking Facility Managers**
- + **Fueling & Convenience Retailers**
- + **Vehicle & Equipment Dealers**
- + **Construction Contractors**

# Available Products

Today's EV drivers have high expectations for on-the-go charging. Speed, efficiency, reliability, and convenience are their top priorities. Compromising on quality is not an option; that's why Voltrek only offers products from industry-leading, reputable brands with proven reliability and performance.

Charging stations are not one-size-fits-all. They operate at different levels of speed and power, which are crucial factors in selecting suitable charging solutions. Voltrek specializes in tailoring Level 2 and Level 3 solutions that align with each location's unique goals and customer demands.



## Level 2

(Typical Specs)

### Input Power

208V or 240V AC / 32-80 amps

### Output Power AC

7-19 kW

### Charging Speed

10-25 miles of charge/hour

### Charging Time

4-8 hours

## Level 3

DC Fast Charging (Typical Specs)

### Input Power

208V or 480V AC / 40-200+ amps

### Output Power DC

19-500+ kW

### Charging Speed

90-500+ miles of charge/hour

### Charging Time

20 minutes

Voltrek offers a wide range of EVSE products through our core partners: **ChargePoint**, **ABB**, and **EV Connect**. Each top-of-the-line brand offers high-quality charging stations to fit a variety of needs.



# Partner Products



Voltrek is an elite value-added reseller (VAR) for ChargePoint, an award-winning brand operating one of the world's largest EV charging networks. We offer **Level 2** and **Level 3 (DC Fast Charging)** charging stations from ChargePoint, which come with built-in software to help manage costs, report key charging metrics, provide support, and more.

## CPF50

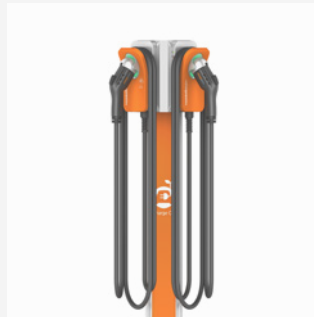
FLEET SINGLE PORT



Single-port charging perfect for service vehicles and company cars.

## CPF50

FLEET DUAL PORT



Convenient light-duty charging with dual-port operation.

## CPF50

MULTIFAMILY SINGLE PORT



A single-port charging hub ideal for commercial properties.

## CPF50

MULTIFAMILY DUAL PORT



Dual-port charging that serves two parking spots at once.

## CT4000

FAMILY BOLLARD AND WALL MOUNT SINGLE PORT



A single-port station for apartments, workplaces, hospitals, and more.

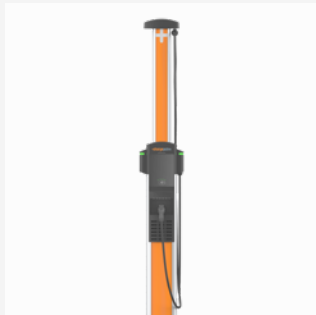
## CT4000

FAMILY BOLLARD AND WALL MOUNT DUAL PORT



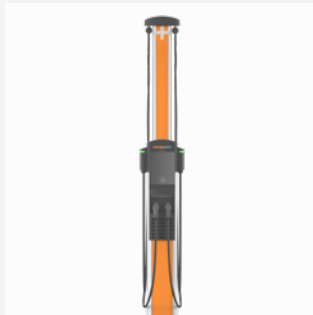
Two ports serve multiple residents or workers with one station.

**CP6000**  
FLEET SINGLE PORT



High-powered charging for service and work trucks, school buses, and more.

**CP6000**  
FLEET DUAL PORT



Dual-port charging for maximizing power to multiple vehicles.

**Express 250**



DC fast charging in one powerful station fit for almost anywhere.

**Express Plus**



Add as many power blocks as necessary to charge entire fleets.

**Software Key Features**

**CHARGEPOINT COMMERCIAL CLOUD**

- Flex billing
- Driver access controls
- Station manager support

**CHARGEPOINT ENTERPRISE CLOUD**

- Branded videos on supported stations
- Tap to charge (Android or iOS)
- Hierarchical power sharing

**CHARGEPOINT COMMUNITY CHARGING CLOUD**

- Pricing control & flex billing
- Detailed reporting
- Driver notification when available

**CHARGEPOINT POWER CLOUD**

- Power management
- Scheduled charging
- Station manager support



# Partner Products



Backed by 130+ years of innovation and more than a decade in e-mobility, ABB is a global powerhouse in vehicle electrification. Voltrek offers ABB's **Level 3 (DC Fast Charging)** products, supporting current open charging standards for a wide range of electric vehicles.

### Terra AC Wallbox



Smart charging functionality in a convenient compact design.

### Terra DC Wallbox



High-voltage fast charging in a compact future-proof package.

### Terra 54



Low-powered DC fast charging for all types of electric vehicles.

### Terra 94



High-powered DC fast charging for wide varieties of electric vehicles.

### Terra 124



High-powered DC fast charging for electric vehicles of all types.

### Terra 184



The peak of ABB Terra power for all types of electric vehicles.

### Terra HP 175



Faster charging for the future of electric vehicles.

### Terra HP 350



Ultra-high current and fast charging for the next generation.

### HVC 100C WITH DEPOT CHARGE BOX



Overnight fast charging for large electric vehicles (e.g., buses).

### HVC 150C WITH DEPOT CHARGE BOX

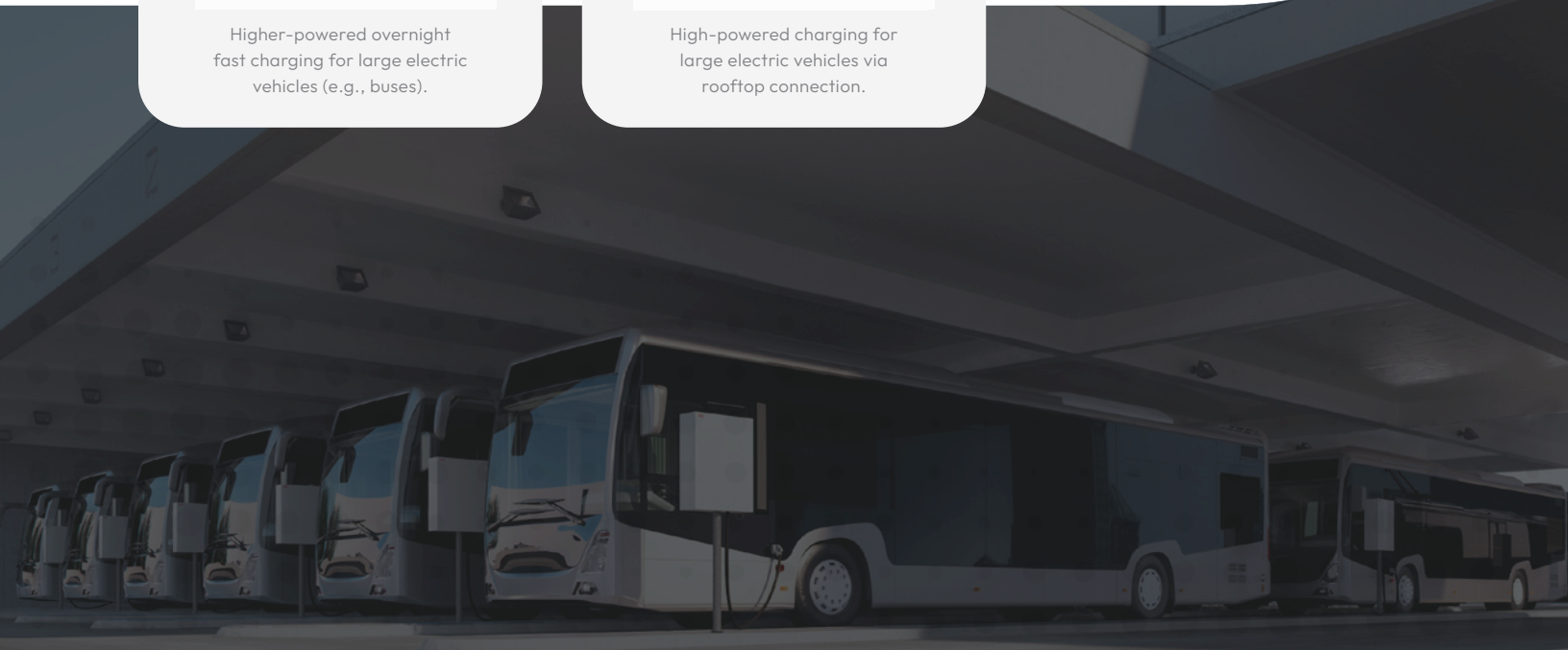


Higher-powered overnight fast charging for large electric vehicles (e.g., buses).

### HVC PD OPPORTUNITY



High-powered charging for large electric vehicles via rooftop connection.



## EV CHARGING

# Software Integrations

When you add EV charging management software to a charging hub, you're getting the best value for your investment. This intelligent technology delivers valuable user and station data to help charging site administrators optimize operations and reduce equipment downtime. For EV drivers, the software's robust capabilities make it easy to find and use available charging stations.

## Available Software



### Commercial Cloud and Power Cloud

ChargePoint software integrates with ChargePoint chargers and other brands. They offer many of the same features, including station manager support, power select, 24/7 driver support, and more. Commercial Cloud is the more robust software, providing additional features that include flex billing, driver access controls, branded video content capabilities, and a driver waitlist.



### Community Charging Cloud

Perfect for residential operations like apartment complexes, Community Charging Cloud puts you squarely in control. Thanks to features such as real-time visibility, driver access control, scheduled charging, and more, energy management is streamlined to reduce infrastructure costs.



### Enterprise Cloud

Offering many of the same features as Community Charging Cloud, Enterprise Cloud provides an additional range of exclusive capabilities, including dynamic power module allocation, power module hours balancing, time of use power sharing, a valet dashboard, and more.

## evconnect

EV Connect is a top choice for many EV charging programs. Customers benefit from comprehensive software that simplifies and optimizes charging station access, pricing, and performance for all types of properties — including multi-unit dwellings, workplaces, municipalities, educational facilities, retail venues, hotels, and hospitals.

Compatible with many brands of charging stations, EV Connect brings added value with exceptional features including:

- + Station access control
- + Dashboards and reporting
- + Station load limits and balancing
- + 24/7 driver support
- + Quarterly business reviews







# Let's Get Started

Deploying and managing EV infrastructure is no easy task. We'll guide you through every step, working directly with your team and answering any questions along the way.

If you're determined to stay ahead of the curve by installing EV charging stations at your property, we invite you to [contact Orion today](#).

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