



# Product Catalogue

Elocity™ is a Canadian EV charging technology company operating in 12 countries across four continents. We deliver end-to-end smart EV charging solutions for multi-residential and commercial buildings, public sites, workplaces, and utilities.

Design Assist	Smarter AC EV Chargers	Smarter AC EV Charging Stations
Smarter EV Fast Chargers	EV Charging Management Software	EV Driver Mobile Application
EV Charging Energy and Load Management	Financing	Turnkey

We provide vendor-agnostic software and EV chargers that enable reliable, cost-effective, and scalable deployments. As the first Canadian company to achieve full OCPP certification, our platform eliminates vendor lock-in and supports over 50 charger models—compatible with all EVs sold in North America and other key global markets.

# Made in Canada for the world

Elocity is powering some of the world's most ambitious EV charging projects, including North America's largest single-site multi-residential deployment with more than 1,200 chargers, and the world's largest utility-led EV rollout with over 8,000 chargers under deployment.

Multi-Unit Residential



Electric Utilities



Public Charging



Fleet Solutions



Work Place Charging



Single Family Homes





## Trusted by the brands globally



Many More...



# Systems and Solutions



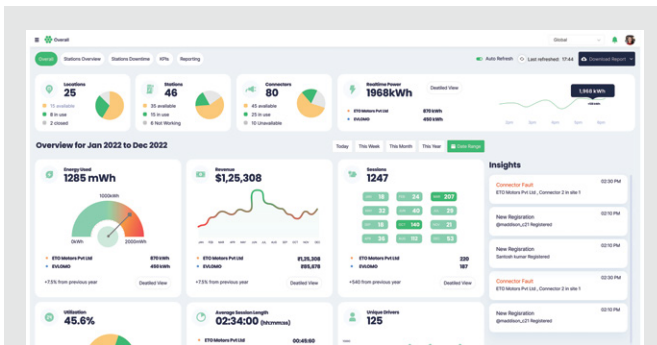
## Smart AC Chargers

- > Wall Mounted
- > Pedestal Mounted
- > Ceiling Mounted



## Smart L3 Chargers (30 kW–1 MW)

- > High-power DC fast charging
- > Scalable 30 kW–1 MW (CCS/NACS)
- > Smart load + remote diagnostics
- > Rugged, OCPP-ready design



## EV Charger Management Software

- > Live monitoring and diagnostics.
- > Smart load and energy control.
- > Automated billing and reporting.
- > OCPP-compatible with major chargers.



## Design, Installation, Commissioning and Support

- > Site design and project assistance.
- > Full installation and commissioning.
- > Safety and performance testing.
- > Ongoing maintenance and fast support.



## Smarter AC chargers



[Click Here for AC Charger DataSheets >](#)

Model	Specifications	Maximum Current	Maximum Current2	Maximum Power (kw)	Supply Type	Charging Gun(s)	Mounting Type
E32 Series	Smarter 32 Amp AC Wall Mounted Charger	Amp	32 Amp	7.7	AC (1 phase or 3 phase)	Single Gun	Wall Mounted
E40 Series	Smarter 40 Amp AC Wall Mounted Charger	Amp	40 Amp	9.6	AC (1 phase or 3 phase)	Single Gun	Wall Mounted
E48 Series	Smarter 48 Amp AC Wall Mounted Charger	Amp	48 Amp	11.5	AC (1 phase or 3 phase)	Single Gun	Wall Mounted
E64 Series	Smarter 64 Amp AC Wall Mounted Charger	Amp	64 Amp	15.4	AC (1 phase or 3 phase)	Single Gun	Wall Mounted
E80 Series	Smarter 80 Amp AC Wall Mounted Charger	Amp	80 Amp	19.2	AC (1 phase or 3 phase)	Single Gun	Wall Mounted
E32D Series	Smarter 32 Amp AC Wall Mounted Charger	Amp	32 Amp	7.7	AC (1 phase or 3 phase)	Dual Gun	Wall Mounted
E40D Series	Smarter 40 Amp AC Dual Gun Wall Mounted Charger	Amp	40 Amp	9.6	AC (1 phase or 3 phase)	Dual Gun	Wall Mounted
E48D Series	Smarter 48 Amp AC Dual Gun Wall Mounted Charger	Amp	48 Amp	11.5	AC (1 phase or 3 phase)	Dual Gun	Wall Mounted
E64D Series	Smarter 64 Amp AC Dual Gun Wall Mounted Charger	Amp	64 Amp	15.4	AC (1 phase or 3 phase)	Dual Gun	Wall Mounted
E80D Series	Smarter 80 Amp AC Dual Gun Wall Mounted Charger	Amp	80 Amp	19.2	AC (1 phase or 3 phase)	Dual Gun	Wall Mounted
E032 Series	Smarter 32 Amp AC Single Gun Ceiling Mounted	Amp	32 Amp	7.7	AC (1 phase or 3 phase)	Single Gun	Ceiling Mounted
ESDS32 Series	Smarter 32 Amp AC Single Gun Charging Stations	Amp	32 Amp	7.7	AC (1 phase or 3 phase)	Single Gun	Pedestal Mounted
ESDS40 Series	Smarter 40 Amp AC Single Gun Charging Stations	Amp	40 Amp	9.6	AC (1 phase or 3 phase)	Single Gun	Pedestal Mounted
ESDS48 Series	Smarter 48 Amp AC Single Gun Charging Stations	Amp	48 Amp	11.5	AC (1 phase or 3 phase)	Single Gun	Pedestal Mounted
ESDS64 Series	Smarter 64 Amp AC Single Gun Charging Stations	Amp	64 Amp	15.4	AC (1 phase or 3 phase)	Single Gun	Pedestal Mounted
ESDS80 Series	Smarter 80 Amp AC Single Gun Charging Stations	Amp	80 Amp	19.2	AC (1 phase or 3 phase)	Single Gun	Pedestal Mounted
ESD32 Series	Smarter 32 Amp AC Dual Gun Charging Stations	Amp	32 Amp	7.7	AC (1 phase or 3 phase)	Dual Gun	Pedestal Mounted
ESD40 Series	Smarter 40 Amp AC Dual Gun Charging Stations	Amp	40 Amp	9.6	AC (1 phase or 3 phase)	Dual Gun	Pedestal Mounted
ESD48 Series	Smarter 48 Amp AC Dual Gun Charging Stations	Amp	48 Amp	11.5	AC (1 phase or 3 phase)	Dual Gun	Pedestal Mounted
ESD64 Series	Smarter 64 Amp AC Dual Gun Charging Stations	Amp	64 Amp	15.4	AC (1 phase or 3 phase)	Dual Gun	Pedestal Mounted
ESD80 Series	Smarter 80 Amp AC Dual Gun Charging Stations	Amp	80 Amp	19.2	AC (1 phase or 3 phase)	Dual Gun	Pedestal Mounted



# Level 2 Pedestal Charger (Single Head)

Specification		
<b>Electrical</b>	Supply Voltage, Freq. Wiring Connection Rated Current (A) Vehicle connection Output power Ground fault protection Over voltage protection Over Current Protection Emergency Stop Electricity Metering  Safety Charging Cable	208V / 240V AC (AC (+/- 20%), 60Hz) Split phase or 3 phase (L1, L2 and Ground wire) 12 A, 16 A, 24 A, up to 32 Amp (configurable) Default J1772, for NACS* Maximum 7.6 kW adjustable from 1.6 kW to 7.6 kW Limit of 20mA leakage current Configurable +10% above configured value Response time - Switches off in 4 second Embedded Class 1.0 electricity meter, other metering options such as ANSI and Measurement Canada certified meters are available are available* Inbuilt ground fault, surge, and overload protections Default 5 meters, 7 meters or more is available*
<b>Communications</b>	Configuration Application Protocol Authentication Dimension (cms) LED visual indicators	Default - Wi-Fi (2.4/5GHz) and Bluetooth Optional- Cellular/Ethernet* OPP 1,6J Default - RFID, Mobile App 20.7 W x 30.7 H x 14.6 D cm Health diagnostics, network health, charger and charging status
<b>Smart Management Features</b>	Load management  Firmware upgrades  Monitoring and billing  Smart connectivity  Local data Storage  Data Security and Protection  Smart monitoring	Load management, power sharing and mechanical dial and software based configurable power ratings  Over the Air  Real-time power, voltage, current, power quality Time series data for real-time, daily, weekly, monthly EV charging billing Peer to peer communication  Up to 90 days historical local storage on a rolling basis to prevent loss of data. Data remains within Canada, highly secure WebSocket connections ensures no leakage of data Cloud connected and able to perform full operations in absence of network
<b>Mechanical</b>	Operating temperature Storage temperature Material Weight Enclosure rating	-30 °C + 50°C -40 °C + 60°C PCB 2 KGs / 4.4lbs NEMA 4, IP 65 (Outdoor and Indoor rated)
<b>Compliance</b>	Safety EMC	UL-2594/CSA C22.2 No. 280 and 281 Federal Communications Commission ('FCC') Part 15 Class A/B, Industry Canada (IC), PCS Type Certification Review Board ('PTCRB')



# Level 2 Pedestal Charger (Single Head)



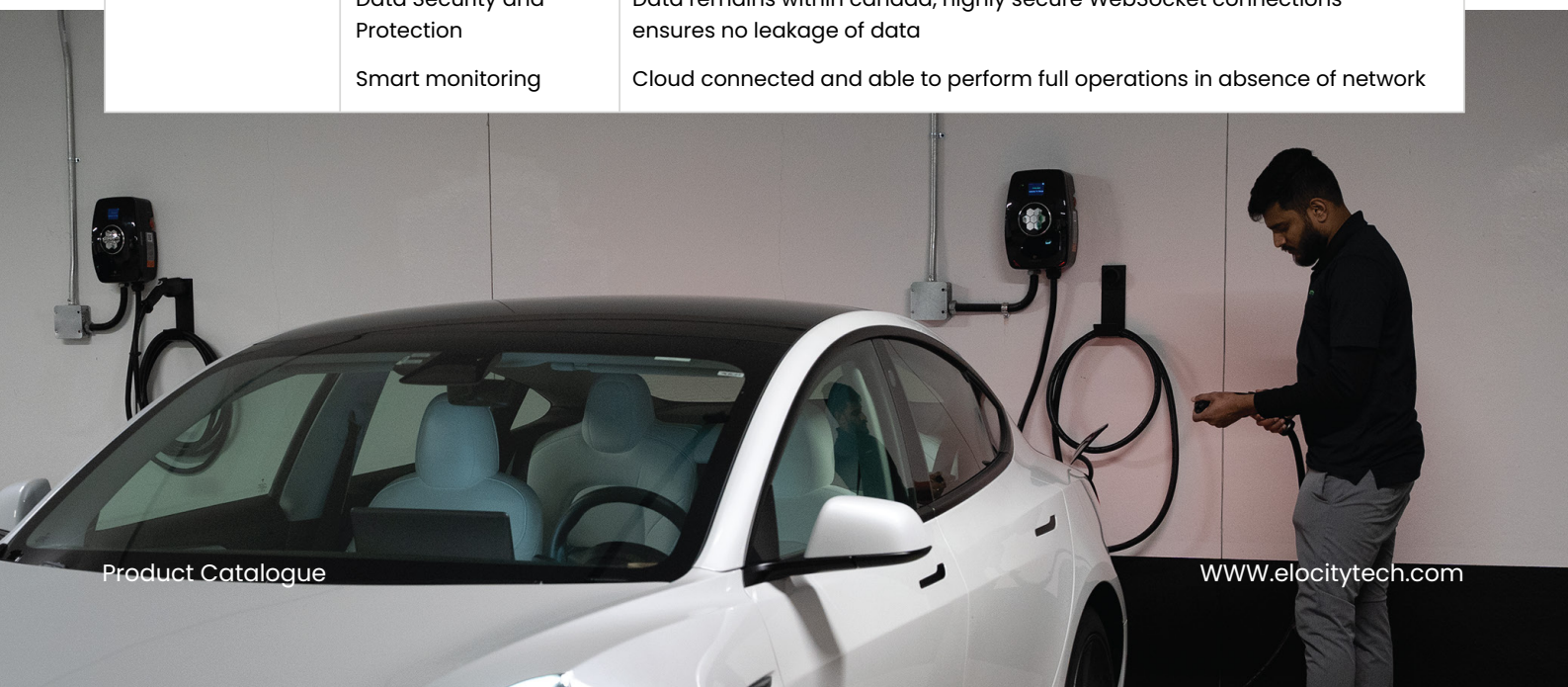
Available from  
32 AMPs to 80  
AMPs

Specification		
<b>Electrical</b>	Supply Voltage, Freq. Wiring Connection Rated Current (A) Vehicle connection Output power Ground fault protection Over voltage protection Over Current Protection Emergency Stop Electricity Metering  Safety Charging Cable	208V / 240V AC (AC (+/- 20%), 60Hz) Split phase or 3 phase (L1, L2 and Ground wire) 12 A, 16 A, 24 A, up to 32 Amp (configurable) Default J1772, for NACS* Maximum 7.6 kW adjustable from 1.6 kW to 7.6 kW Limit of 20mA leakage current Configurable +10% above configured value Response time - Switches off in 4 second Embedded Class 1.0 electricity meter, other metering options such as ANSI and Measurement Canada certified meters are available are available* Inbuilt ground fault, surge, and overload protections Default 5 meters, 7 meters or more is available*
<b>Communications</b>	Configuration Application Protocol Authentication Dimension (cms) LED visual indicators	Default - Wi-Fi (2.4/5GHz) and Bluetooth Optional- Cellular/Ethernet* OPP 1,6J Default - RFID, Mobile App 20.7 W x 30.7 H x 14.6 D cm Health diagnostics, network health, charger and charging status
<b>Smart Management Features</b>	Load management  Firmware upgrades  Monitoring and billing  Smart connectivity  Local data Storage  Data Security and Protection  Smart monitoring	Load Management, power sharing and mechanical dial and software based confiarable power ratings.  Over the Air  Real-time power, voltage, current, power quality Time series data for real-time, daily, weekly, monthly EV charging billing Peer to peer communication  Up to 90 days historical local storage on a rolling basis to prevent loss of data.  Data remains within Canada, highly secure WebSocket connections ensures no leakage of data  Cloud connected and able to perform full operations in absence of network
<b>Mechanical</b>	Operating temperature Storage temperature Material Weight Enclosure rating	-30 °C + 50°C -40 °C + 60°C PCB 2 KGs / 4.4lbs NEMA 4, IP 65 (Outdoor and Indoor rated)
<b>Compliance</b>	Safety EMC	UL-2594/CSA C22.2 No. 280 and 281 Federal Communications Commission ('FCC') Part 15 Class A/B, Industry Canada (IC), PCS Type Certification Review Board ('PTCRB')

# Level 2 Wall Mounted Charger

Available from  
32 AMPs to 80  
AMPs

Specification		
<b>Electrical</b>	Supply Voltage Wiring Connection Rated Current (A) Vehicle connection Output power Ground fault protection Over voltage protection Over Current Protection Emergency Stop Electricity Metering Safety Charging Cable	208 V / 240 V AC, (AC +/- 20%), 60Hz Split phase or 3 phase (L1, L2 and Ground wire) 12A, 16A, 24A, upto 32 Amp (configurable) Default J1772, for NACS* Maximum 7.6 kW adjustable from 1.6 kW to 7.6 kW Limit of 20mA leakage current Configurable +10% above configured value Response time - Switches off in 4 seconds Embedded Class 1.0 electricity meter, other metering options such as ANSI and Measurement Canada certified meters are available*. Inbuilt ground fault, surge, and overload protections Default 5 meters, 7 meters or more is available*
<b>Communications</b>	Configuration Application Protocol Authentication Dimension (cms) LED visual indicators	Default - Wi-Fi (2.4/5GHz) and Bluetooth Optional- Cellular/Ethernet* OPP 1,6J Default - RFID, Mobile App 20.7 W x 30.7 H x 14.6 D cm Health diagnostics, network health, charger and charging status
<b>Smart Management Features</b>	Load management Firmware upgrades Monitoring and billing Smart connectivity Local data Storage Data Security and Protection Smart monitoring	Load Management, power sharing and mechanical dial and software based conforable power ratings. Over the Air Real-time power, voltage, current, power quality Time series data for real-time, daily, weekly, monthly EV charging billing. Peer to peer communication Up to 30 days historical local storage on a rolling basis to prevent loss of data. Data remains within canada, highly secure WebSocket connections ensures no leakage of data Cloud connected and able to perform full operations in absence of network



# Level 2 Wall Mounted Charger

## – Dual Port

Available from  
32 AMPs to 80  
AMPs

Specification		
<b>Electrical</b>	Supply Voltage Wiring Connection Rated Current (A) Vehicle connection Output power Ground fault protection Over voltage protection Over Current Protection Emergency Stop Electricity Metering Safety Charging Cable	208 V / 240 V AC, (AC +/- 20%), 60Hz Split phase or 3 phase (L1, L2 and Ground wire) 12A, 16A, 24A, upto 32 Amp (configurable) Default J1772, for NACS* Maximum 7.6 kW adjustable from 1.6 kW to 7.6 kW Limit of 20mA leakage current Configurable +10% above configured value Response time - Switches off in 4 seconds Embedded Class 1.0 electricity meter, other metering options such as ANSI and Measurement Canada certified meters are available*. Inbuilt ground fault, surge, and overload protections Default 5 meters, 7 meters or more is available*
<b>Communications</b>	Configuration Application Protocol Authentication Dimension (cms) LED visual indicators	Default - Wi-Fi (2.4/5GHz) and Bluetooth Optional- Cellular/Ethernet* OPP 1,6J Default - RFID, Mobile App 20.7 W x 30.7 H x 14.6 D cm Health diagnostics, network health, charger and charging status
<b>Smart Management Features</b>	Load management Firmware upgrades Monitoring and billing Smart connectivity Local data Storage Data Security and Protection Smart monitoring	Load Management, power sharing and mechanical dial and software based configurable power ratings. Over the Air Real-time power, voltage, current, power quality Time series data for real-time, daily, weekly, monthly EV charging billing. Peer to peer communication Up to 30 days historical local storage on a rolling basis to prevent loss of data. Data remains within Canada, highly secure WebSocket connections ensures no leakage of data Cloud connected and able to perform full operations in absence of network





# Level 2 Overhead Single Charger

Available from  
32 AMPs to 80  
AMPs

Specification		
<b>Electrical</b>	Supply Voltage Wiring Connection Rated Current (A) Vehicle connection Output power Ground fault protection Over voltage protection Over Current Protection Emergency Stop Electricity Metering  Safety Charging Cable	208 V / 240 V AC, (AC +/- 20%), 60Hz Split phase or 3 phase (L1, L2 and Ground wire) 12A, 16A, 24A, upto 32 Amp (configurable) Default J1772, for NACS* Maximum 7.6 kW adjustable from 1.6 kW to 7.6 kW Limit of 20mA leakage current Configurable +10% above configured value Response time - Switches off in 4 seconds Embedded Class 1.0 electricity meter, other metering options such as ANSI and Measurement Canada certified meters are available*. Inbuilt ground fault, surge, and overload protections Default 5 meters, 7 meters or more is available*
<b>Communications</b>	Configuration Application Protocol Authentication Dimension (cms) LED visual indicators	Default - Wi-Fi (2.4/5GHz) and Bluetooth Optional- Cellular/Ethernet* OPP 1,6J Default - RFID, Mobile App 20.7 W x 30.7 H x 14.6 D cm Health diagnostics, network health, charger and charging status
<b>Smart Management Features</b>	Load management  Firmware upgrades  Monitoring and billing  Smart connectivity  Local data Storage  Data Security and Protection  Smart monitoring	Load Management, power sharing and mechanical dial and software based conforable power ratings.  Over the Air  Real-time power, voltage, current, power quality Time series data for real-time, daily, weekly, monthly EV charging billing. Peer to peer communication  Up to 30 days historical local storage on a rolling basis to prevent loss of data. Data remains within canada, highly secure WebSocket connections ensures no leakage of data  Cloud connected and able to perform full operations in absence of network



## DC Fast Chargers

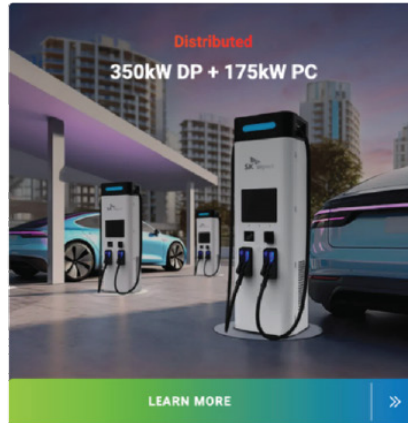
Elocity is bringing best-in-class partners for DC fast charging, offering proven, high-performance solutions made in Europe and America. Through strategic collaborations with industry leaders such as Tritium, SK Signet, and Kempower, we deliver reliable, scalable, and future-ready fast-charging systems tailored for public, fleet, corridor, and commercial deployments.

Partner	Description	Product Range
SK Signet	Made in the USA and Korea	DCFC, up to MW+
Tritium	Made in the USA	"DCFC, up to MW+"
Kempower	Made in Finland and USA	"DCFC, up to MW+"

[Click Here for DC Fast Charger Datasheets >](#)



# Level 3 Pedestal (Through Partnership with SK Signet)



## ALL-IN-ONE Systems

[View all](#)



**V2 FC200kW**  
FC200K-B2-PS

## Distributed System

[View all](#)



**350kW DP + 175kW PC**  
HDP350K / HPC175K



**400kW DP + 600kW PC**  
P400K-B2-PS / C600K-PS



# Level 3 Pedestal (Through Partnership with SK Signet)

## Product Line-up

**V2 200kW Standalone**  
Max. 200kW per charger



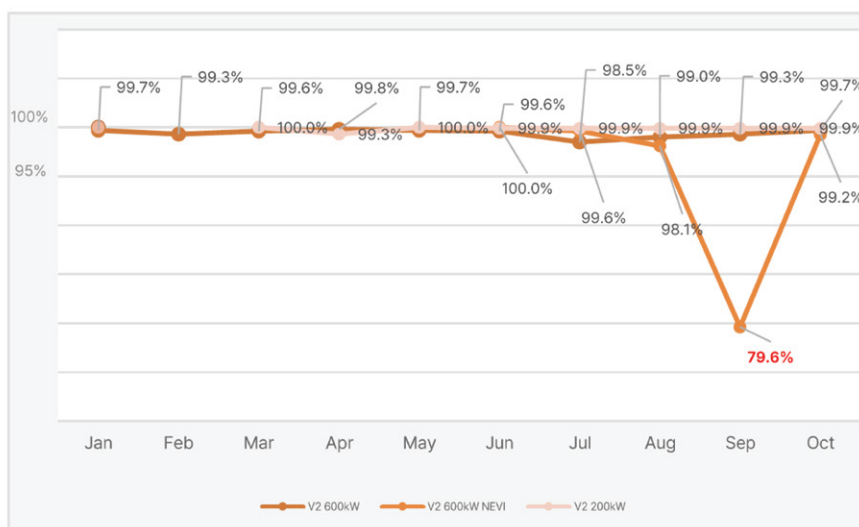
**V2 DP400K and PC600K**  
Max. 400kW per dispensers  
Max. 600kW for power cabinets



**V2 400kW Standalone**  
Max. 400kW per charger



## High Performance of V2



- V2 products show high uptime performance in the field, average 99%

\* The reason why V2 600kW NEVI recorded 79.6% in September, it was a network outage due to Sim Provider(T-Mobile)

# Level 3 Pedestal (Through Partnership with Tritium)



**RTM75 ideal for:**

Fuel & convenience stores, retail locations,  
and destination charging

[LEARN MORE](#)



**PKM150 ideal for:**

Integration with third party sources of DC  
power, fleet charging sites

[LEARN MORE](#)



**TRI-FLEX ideal for:**

Highway corridors, public charging hubs,  
and fleet charging hubs

[LEARN MORE](#)

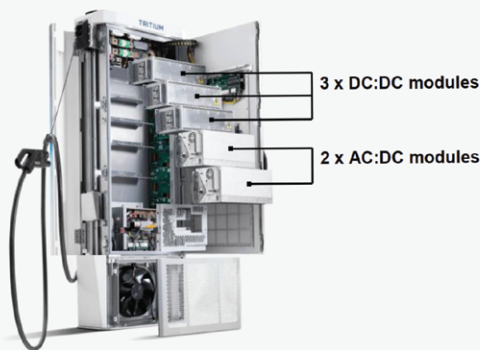


# Level 3 Pedestal (Through Partnership with Tritium)

1

## RTM platform - standalone DC fast charging

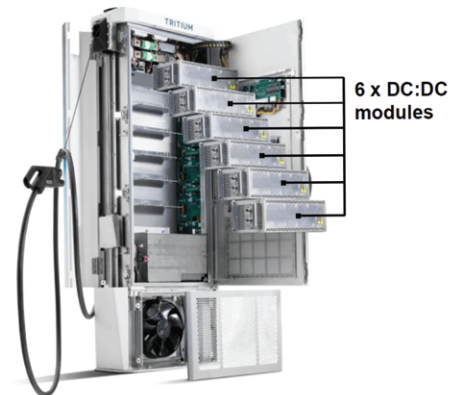
- AC input – DC output
- 75kW | 50 kW



2

## PKM platform - distributed DC fast charging

- DC input – DC output
- 150kW | 100kW



### Tritium Benefits

Standardized  
base components

Rapid new product  
development

Streamlined  
compliance  
& certification

Optimized  
serviceability

3



Power Cabinet



Dispenser

## What is unique about Tri-Flex?

### Innovation

- **Up to 1.6MW power output** – The most powerful cabinet in the market
- **Connect up to 32 dual dispensers** – The most scalable platform in the market
- **Compact power cabinet** – The smallest size power unit (kW/m2) in the market
- **Designed for harsh environments** – The only fully IP65 platform in the market
- **Integration with DC sources** – Direct integration on the DC link with high end-to-end efficiency
- **Owning our IP** – Hardware and software

### Flexibility & Scalability

- **25kW switching resolution** – Dynamic power distribution for each dispenser
- **Compatible with MCS, Liquid cooled and Dry dispensers** – Serve all segments with a single platform
- **Configurable cabinets** – Match perfectly your grid connection, lower your CAPEX

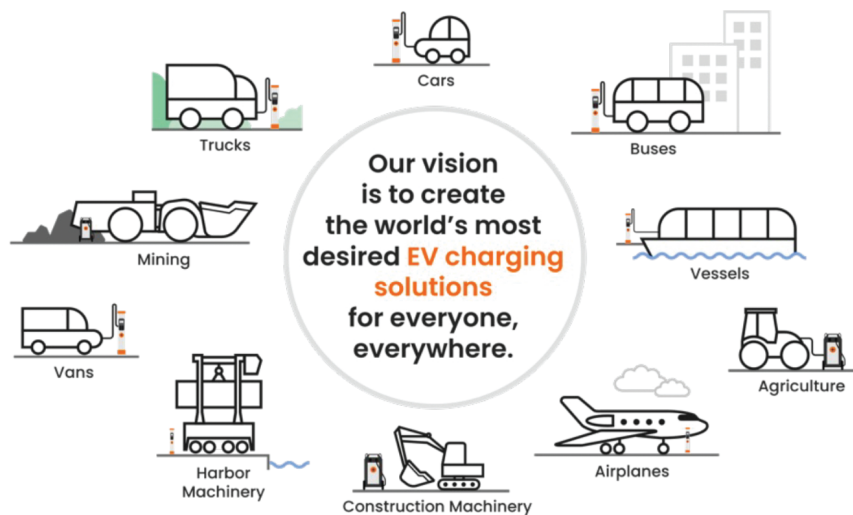


# Level 3 Pedestal (Through Partnership with Kempower)

## Finnish Electric Vehicle DC Fast Charging Equipment Manufacturer

- > Power range: 50 kW – 4 MW+ (no absolute limit)
- > Suitable for all electric vehicle types, like electric cars, trucks, buses, boats, and machines
- > Listed on Nasdaq First North Growth Market since December 2021

## + All Segments are Addressed Efficiently



## + Products

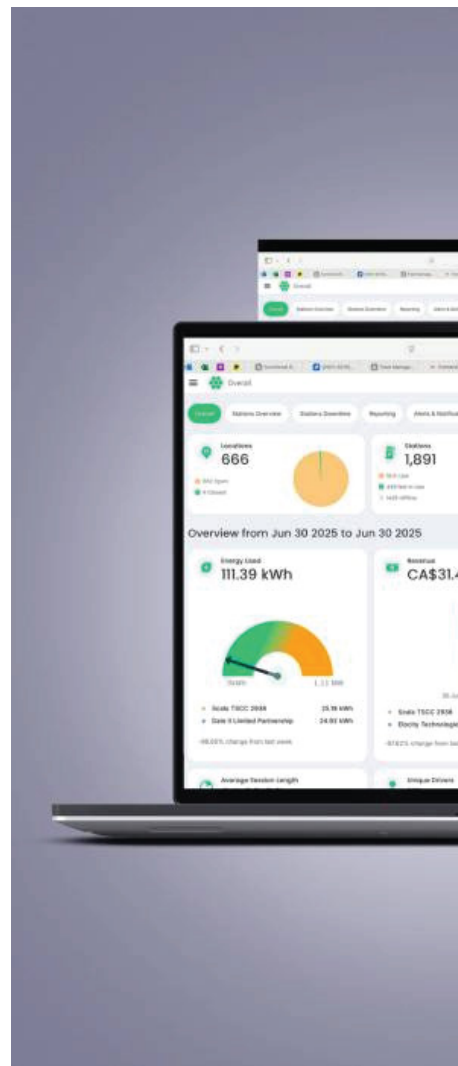
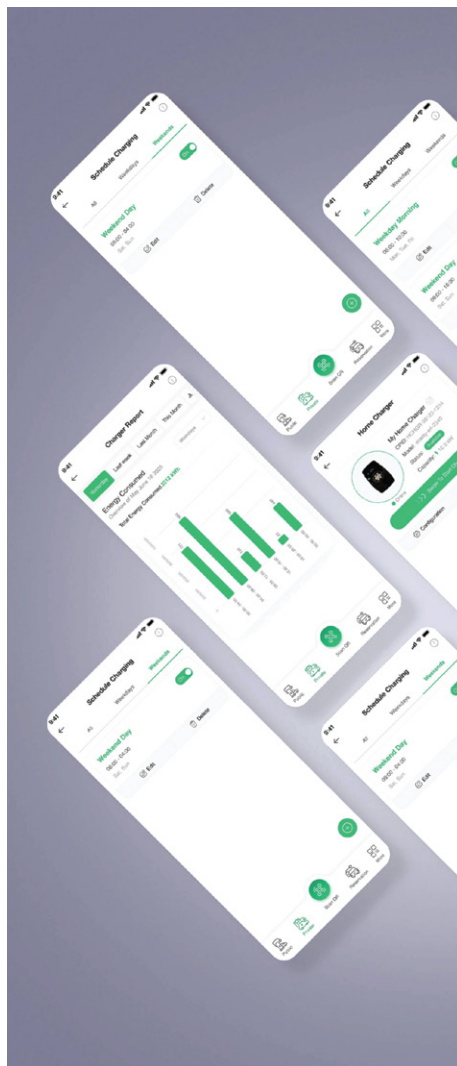
50 kw to 600 kw					
1.2 MW					 
		200A to 400A CCS1-NACS	2 x 200A to 2 x 375A CCS1-NACS	500A CCS1	700A CCS1 1500A MCS

# Elocity'S Charge Point Management Solution

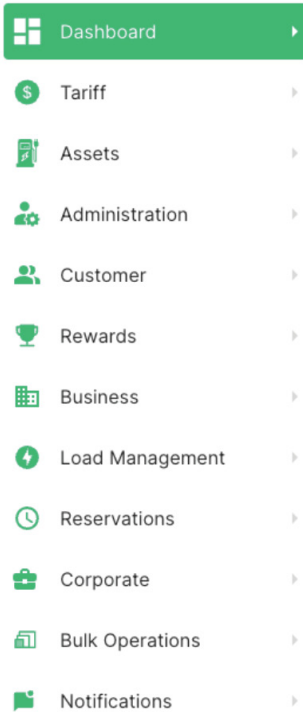
## Built to Simplify, Scale & Optimize Charging

Elocity's intelligent charging software puts you in control—offering secure, scalable, and user-friendly tools to manage EV charging across homes, workplaces, fleets, and public sites. Powered by the HIEV platform, our software adapts to your needs while helping you reduce costs and emissions.

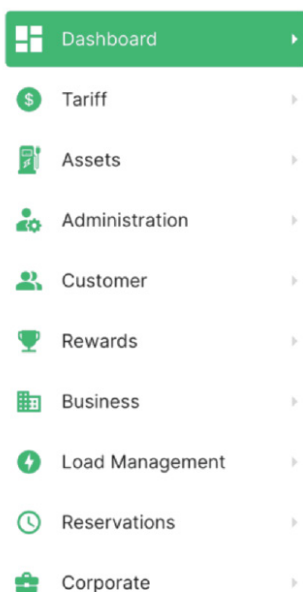
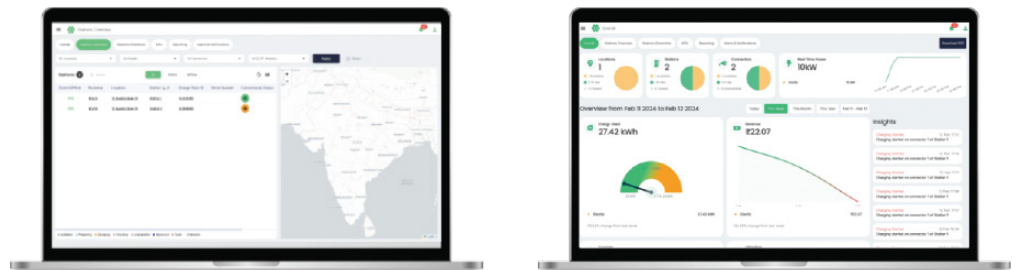
[Click Here for Software Documentation >](#)



# Operator Web Application














- Elocity' Charge point management software intelligently manages, controls, and optimizes electric vehicle charging. It enables the monitoring, control, and management of the charging infrastructure, allowing for efficient and effective charging operations.
- Key features such as real-time monitoring of charging station usage, remote management of charging stations, the ability to schedule charging sessions, load management, demand response, customer authentication, integration with sub-metering systems, payment processing and billing, and data analytics and reporting.
- Software is working in 15 Countries with 50 different makes and models of EV chargers. Compatible with all types of EVs in North America



## Key Functionalities

1. Authentication and access management (Restricted and semi-restricted)
2. Support all the models of Cars and EV charger in North America
3. Billing and invoicing
4. Smart Energy and load management
5. Sub-metering
6. Tariff management
7. Loyalty and rewards
8. User data management
9. Reservations

# Energy + Parking Tariff

-  Dashboard
-  **Tariff**
-  Assets
-  Administration
-  Customers
-  Rewards
-  Business
-  Load Management
-  Reservations
-  Corporate
-  Invoice Campaign

## 1. Flat/Variable

- > CAD/session
- > Based on time
- > Time penalty
- > Configurable Taxes
- > Time of Day

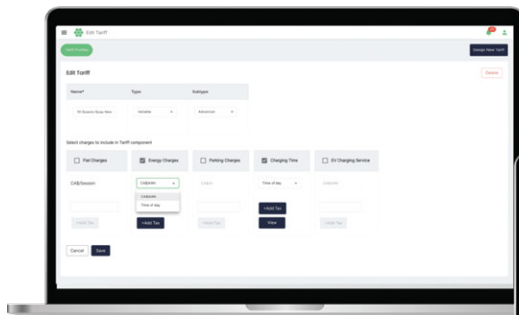
## 2. Based on Energy

Time of day  
(Granularity up to a minute), different tariff for different time and days. CAD/KWh

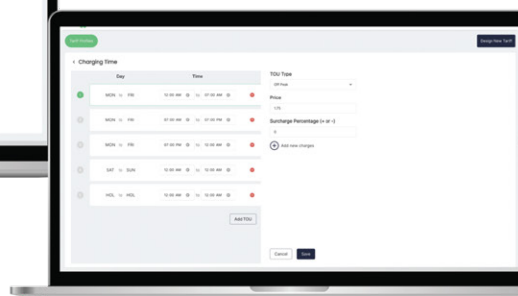
Energy Penalty  
Configurable Taxes  
Off peak, Mid peak, On peak

## 3. Parking combined with charging cost (As above)

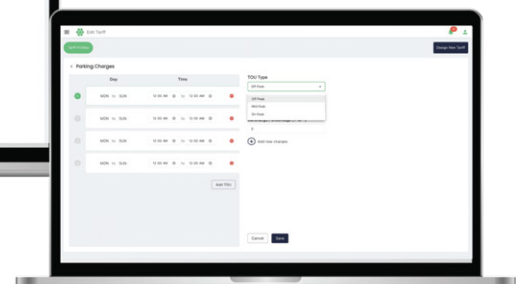
# Energy + Parking Tariff



1. Energy + Parking



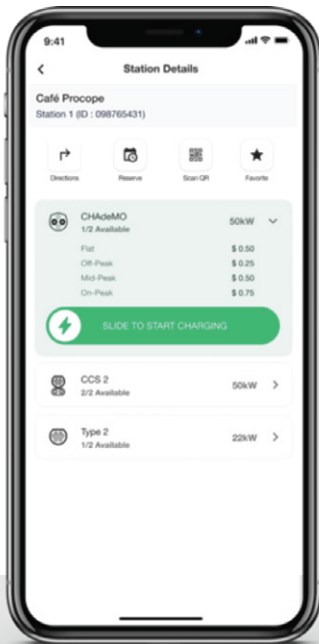
2. Energy - Time of Day, Time based, Energy Based



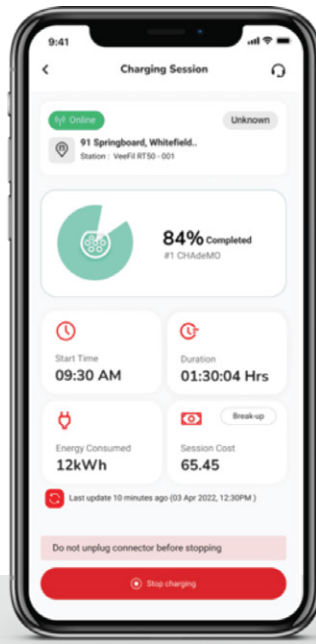
3. Parking - Time of Day, Time based



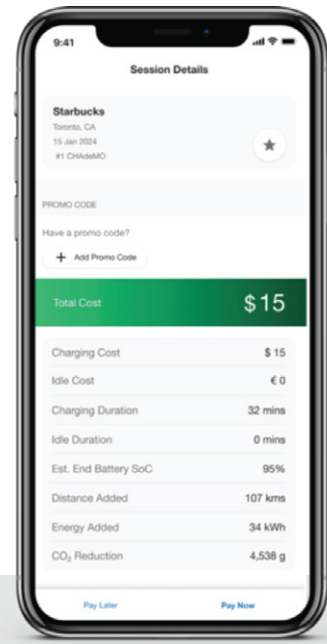
# EV Driver Mobile App – Charging in 3 easy steps



1. Start Charging

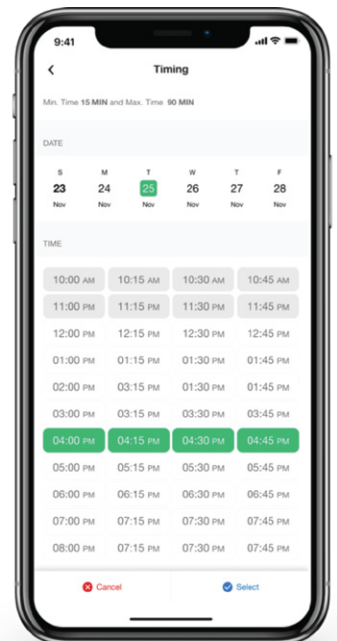
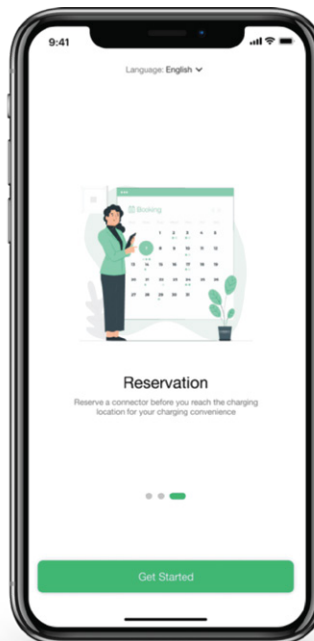


2. Complete Charging



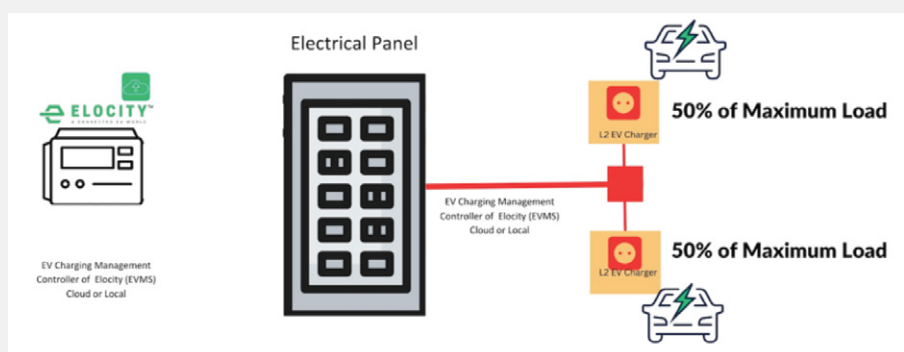
3. Pay and Go

# EV Driver Mobile App – Paring and Charging Reservation

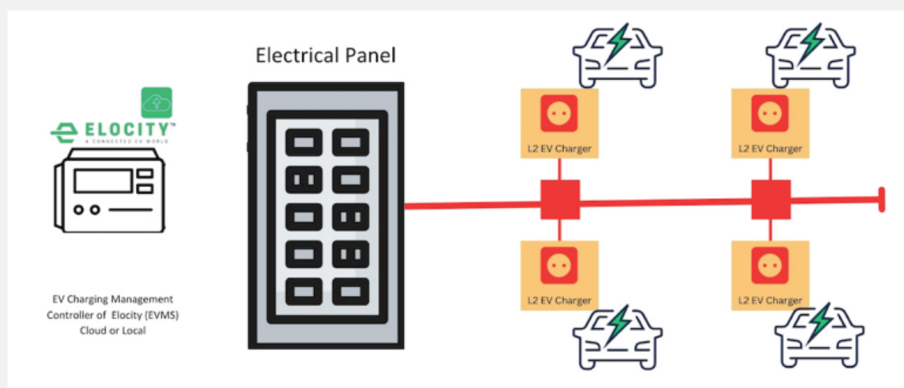


# Smart load management

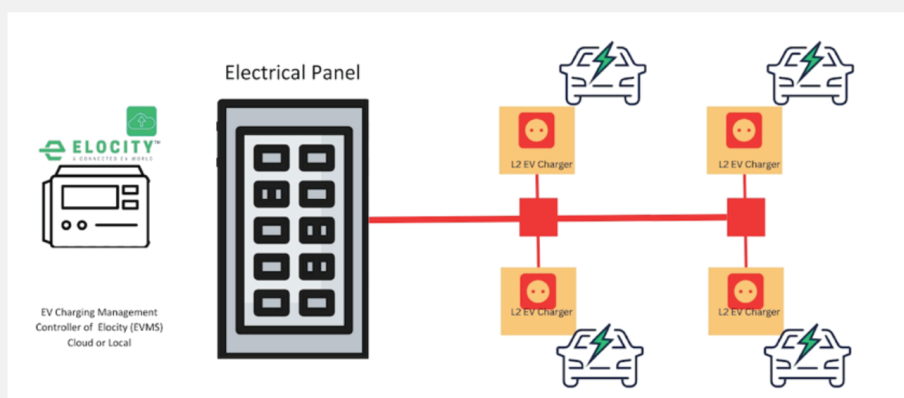
## 1 Static Load Management



## 2 Rotational (Time-Shared) Load Management



## 3 Dynamic load management



### Our Load Management Technology

- > Circuit Sharing
- > Panel Sharing
- > Building Load Management

# Select Case Studies

## Canada's Largest Multi-Residential Smarter EV Charging Project Richmond, BC





## Smarter Workplace and Fleet Charging- EllisDon





## Smarter EV Charging for Public and Multi-Res Portfolio Deal - Tridel ~ 1,200 EV Chargers





## Smarter Fleet Charging at Sault Ste. Marie





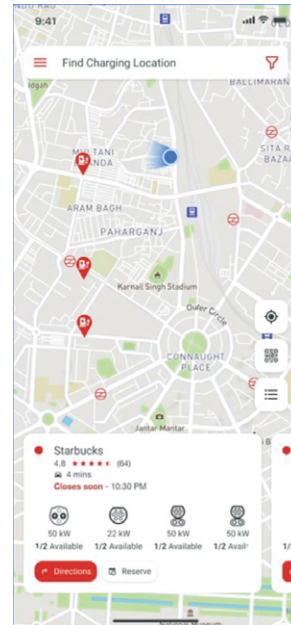
## Smarter Utility EV Demand Management Programs - Toronto Hydro





# Six Country Rollout, Smarter Public Charging Network

TotalEnergies



## TotalEnergies Charge Cambo...



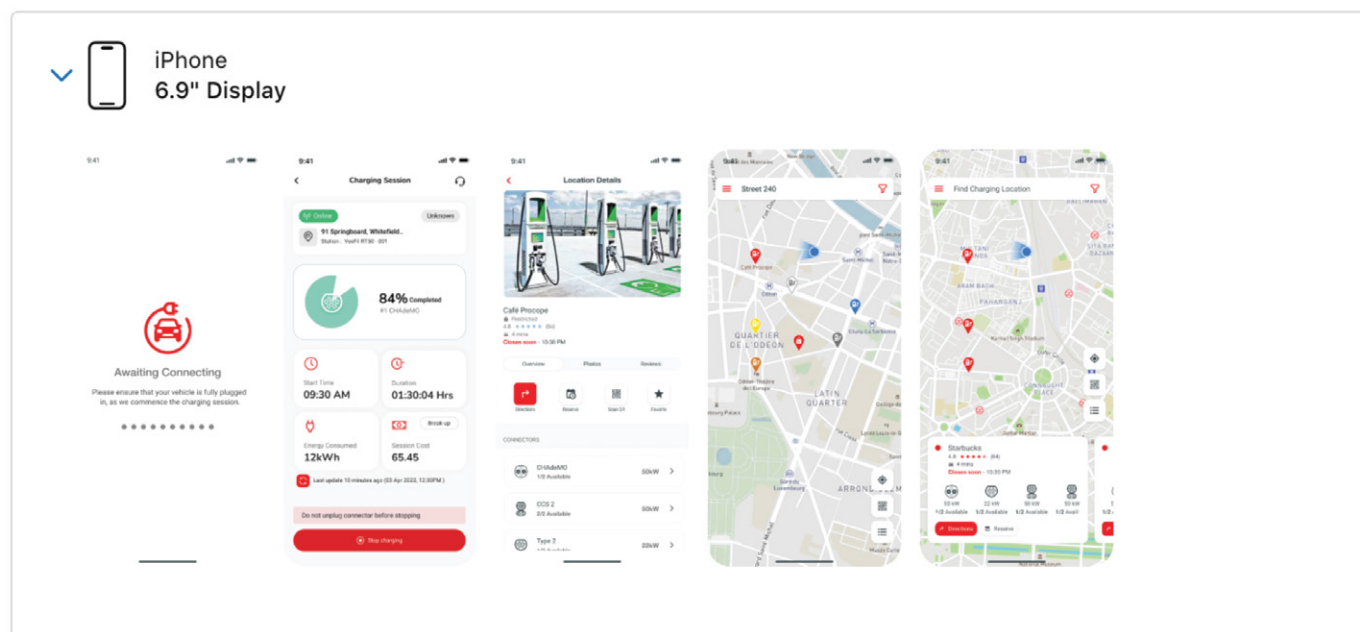
Distribution T

< iOS App 2.4.0

## Media Manager

### iPhone

Adding accurate screenshots of your app on the newest devices can help you represent the app's user experience. Ke Screenshots are only required for iOS apps, and only the first 3 will be used on the app installation sheets.



WWW.elocitytech.com



## CUSTOMER SUPPORT

If you experience any issues or have questions about installation, usage, or troubleshooting, please reach out to:

## Contact Us

Elocity™ is committed to continually improve its products and services through customer experience. Hence, your feedback is important to us. Please send us your feedback or other comments to [support@elocitytech.com](mailto:support@elocitytech.com).

### **ELOCITY TECHNOLOGIES INC.**

56 Duncan Mill Rd Unit 23 A, North York, ON M3B 3N2, Canada



+1 (416) 384-1919



[Connect@elocitytech.com](mailto:Connect@elocitytech.com)



[www.elocitytech.com](http://www.elocitytech.com)



Canada | USA | UAE | India  
Spain | Saudi Arabia | Philippines  
Australia | Singapore

