

# evr-green® Networked Charging Stations for Public Applications

-chargepoint+ Network Services

The Best Way to Connect with EV Drivers

### Features and Benefits

Leviton's Evr-Green® public use charging stations offer municipalities, corporations, workplaces, fleets and utilities high-reliability, plug-in electric vehicle charging that drivers prefer. The easy-to-use stations provide multiple power options and integrate aesthetics and ergonomics with sturdy construction — making them ideal for commercial and outdoor public applications. Leviton ChargePoint® enabled electric vehicle charging stations include one free year of ChargePoint® network services as well as free activation of Chargepoint® stations. ChargePoint® network services provide everything needed to manage your EV charging stations, including:

#### EV Driver Support, 24x7x365

Drivers call a toll-free phone number (1-888-758-4389) printed on each station so that without leaving the station or their vehicle, EV drivers receive assistance. ChargePoint® customer support can troubleshoot the station, start and stop a charging session, and reboot the station remotely.

#### Remote Monitoring, Troubleshooting and Updating

Log-in to ChargePoint® Service Manager and see real-time operation status for every station. Service the charging stations remotely instead of traveling to each station. Charging sessions can be started or stopped and a station can be rebooted remotely. Need assistance? Call the ChargePoint® toll-free number where the ChargePoint® Network Operations Center is also watching to help maximize station uptime. As new features are added, ChargePoint® stations stay up to date with firmware updates delivered over the air.

#### Detailed Usage Reports

Station Manager includes a flexible, feature-rich reporting tool. Choose your report format: charts, tables, or export to CSV comma delimited format. Leviton offers superior customer support on establishing usage, tracking and audit reports.

**Get detailed reports:** Select the level of detail you need ranging from per session to across all stations.

See station usage by time of day including each charging session's duration, energy consumed, and payment collected. Measure trends such as average turnover and session duration. View energy usage and Greenhouse Gas (GhG) emissions prevented across a group of stations or all stations.

**Track and report data for taxes and compliance:** Track usage data for compliance with evolving policies that may tax electricity dispensed as fuel. If you are providing EV charging for employees, you'll have the data for benefit reporting required by tax codes.

**View charging station audit reports:** Collect information about session terminations, station reboots, cord removals, ground faults and station maintenance needs via timely alarms, and export it for further analysis.

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### SPOTLIGHT

#### Evr-Green® 4000 Dual Port Level 2 Public Use Charging Station

*Evr-Green® 4000 Level 2 Public Use Charging Stations provide corporations, municipalities and utilities industry leading EV charging solutions. Integrating design and functionality with superior reliability and durability, the Evr-Green® charging stations are ideal for workplace, commercial, or outdoor public charging. Visit [www.leviton.com/evrgreen](http://www.leviton.com/evrgreen) for more information.*



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### Features and Benefits

#### RFID Card Readers

EV Drivers “authorize” themselves on the station using a ChargePoint® RFID card, contactless RFID credit card or by calling the toll-free number (1-888-758-4389). ChargePoint® stations include two RFID card readers: one for ChargePoint® RFID card and the other for contactless RFID credit card. RFID readers reduce station maintenance and increase station uptime as compared to magnetic swipe readers. When not in use, ChargePoint® station charging connectors are locked in place and no power is available. To release the charging connector, the EV driver must be authorized. The EV driver becomes authorized to use the station by:

- i. Tapping a valid ChargePoint® card on the screen
- ii. Tapping a valid contactless RFID credit card on the screen
- iii. Calling the toll-free number (1-888-758-4389)

The authorization process applies even if you are not collecting payment on the station. And provided there is no access restriction on the station, a contactless credit card can be used to release the charging station’s connector.

Leviton provides activation of the ChargePoint® network at no additional charge.

#### Rights Granting

ChargePoint® Network Services lets you grant rights to other individuals within your company or to personnel who work for an external service provider. Rights Granting makes it easy for station owners to delegate activities such as billing, usage monitoring, reporting and provisioning to multiple personnel.

#### Station Access Restriction using ChargePoint® Card

ChargePoint® Connections and the ChargePoint® card automate the process of giving drivers access to your stations. Businesses can encourage drivers to charge at their stations with incentives and promotions. Employers can simplify the process of providing and removing employee access to their charging stations.

#### Advertising Message Display

Use the station’s display to communicate timely, targeted offers and other text-based messages to drivers. Station messages are managed through Station Manager. Place a different message on each station or the same message across groups of stations and change messages as frequently as you like.

#### Custom Station Groups and Driver Groups

Grouping can make charging stations and drivers easier to view and manage. Organize your charging stations and the drivers using them into any number of arbitrary groupings. Define a group of stations just for employees and another group for public use. Set one price for one group of stations and a different price for another group. For companies with multiple locations, organize charging stations by building, state, and region. The possibilities are virtually endless.

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### RFID Cards



## NETWORKED CHARGING STATIONS | Network Services

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### evr-green® Networked Charging Stations for Public Applications

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#### Features and Benefits

##### Payment Collection and Processing

Using the charging station, you can automate fee collection with the PCI-compliant ChargePoint® Network. ChargePoint® stations include two RFID readers, one for contactless RFID credit cards and the other for ChargePoint® RFID cards. Using Station Manager's Flex Billing application, station owners set pricing to suit their marketplace and goals for operating the station. A flexible system, station owners can set fees for different groups of drivers time of day, session duration, kWh, or any combination of those parameters. Before implementing kWh pricing, check with your local utility for any restrictions.

##### Online Reservation System

EV drivers with ChargePoint® cards can reserve charging time on a station. Using either the ChargePoint® website or ChargePoint® mobile apps, EV drivers can check a station's availability and make a reservation if the station accepts reservations. To accept reservations, Payment Collection must be enabled on the station. Stations with the reservation feature enabled can only authorize charging sessions resulting from a reservation.

##### Mobile Applications for iPhone, Blackberry and Android

These free mobile apps help EV drivers quickly locate a station, view available charging ports, map stations along their trip, receive turn-by-turn directions to a station, determine if payment is required, and make a reservation on a station.

##### Mobile Alert System

EV drivers using a ChargePoint® card receive texts or emails with alert messages regarding charging station status such as: Charging Successfully, Finished Charging, Plug-Out at the Station, and Ground Fault Interruption at Station. Alert messages include the ChargePoint® toll-free number in case assistance is needed.

##### Training

Video-based training is available to help station owners learn about ChargePoint® Network features and how to use them on their stations. Training videos are located within the question/help section of ChargePoint's Station Manager application.

#### ChargePoint® App



### Level 2 Public Use Charging Stations

#### evr-green® 4000

##### Featuring ChargePoint® Network Services

Evr-Green® 4000 Level 2 Public Use Charging Stations provide corporations, municipalities, workplaces, and utilities industry leading EV charging solutions. Integrating design and functionality with superior reliability and durability, Evr-Green® charging stations are ideal for, commercial and outdoor public charging. They are available in bollard and wall mount configurations for easy installation anywhere. For applications where available power may be limited, the innovative power sharing feature enables two charging ports to share a single circuit, allowing for sites with single-port EV stations to upgrade to dual-port stations without requiring additional electrical services. For new installations, these require half the electrical capacity and installation complexity of comparable dual-port stations. Models are available with two standard SAE J1772™ Level 2 charging ports, each supplying up to 7.2kW (208/240VAC @ 30A). The need for drivers to coil up the cord is eliminated with the self-retracting cord management system, ensuring that the cord is always off the ground when not in use.



Dual Port Bollard Mount



Dual Port Wall Mount

## NETWORK CHARGING STATIONS | evr-green® Single & Dual Port Level 2

### evr-green® 4000 Level 2 Public Use Charging Stations

Specifications for Level 2		
Category	Single Port	Dual Port
<b>Electrical Input</b>		
Input Power — Standard	208/240VAC 60Hz single phase @ 30A	208/240VAC 60Hz single phase @ 32A x 2
AC Power Input Rating — Power Sharing	n/a	208/240VAC 60Hz single phase @ 32A
Input Power Connections — Standard	One 40A branch circuit	Two independent 40A branch circuits
Input Power Connections — Power Sharing	n/a	One 40A branch circuit
Required Service Panel Breaker — Standard	40A dual pole (non-GFCI type)	40A dual pole (non-GFCI type) x 2
Required Service Panel Breaker — Power Sharing	n/a	40A dual pole (non-GFCI type)
Service Panel GFCI	Do not provide external GFCI as it may conflict with internal GFCI (CCID)	
Wiring — Standard	3-wire (L1, L2, Earth)	5-wire (L1, L1, L2, L2, Earth)
Wiring — Power Sharing	n/a	3-wire (L1, L2, Earth)
Standby Power	8W typical (standby), 15W maximum (operation)	
<b>Electrical Output</b>		
AC — Standard	7.2kW (240VAC @ 30A)	7.2kW (240VAC @ 30A) x 2
AC — Power Sharing	n/a	7.2kW (240VAC @ 30A) x 1 or 3.8kW (240VAC @ 16A) x 2

### evr-green® Level 2 Public Use Charging Stations

Evr-Green® Level 2 Public Use Charging Stations are comprised of four key components: *Mounting Mechanism*, *Cable Management Assembly*, *Head Unit* and *Mounting Cap*. To order a Level 2 Public Use Charging Station, select a mounting mechanism, cable management assembly, head unit and mounting cap. A complete system must contain items from each system section.

Level 2 Charging Stations		
Level 2 Component	Description	Cat. No.
<b>Mounting Mechanism</b>	Bollard Mounting Body	CPMBX
	Wall Mounting Body	CPMEX
<b>Cable Management Assembly</b>	Retractable Cord Management Assembly	CPCBX
<b>Head Unit</b>	<b>Each installation requires at least one gateway unit. The gateway head contains the cellular modem for communication with the ChargePoint® Network.</b>	
	Gateway Head, Single Port, US SIM, (1) 18ft charging cable, 1-Year Token for 1 Level 2 Port. Activation requires submission of Master Service Agreement.	CPHG1
	Gateway Head, Dual Port, US SIM, (2) 18ft charging cables, 1-Year Token for 2 Level 2 Ports. Activation requires submission of Master Service Agreement.	CPHG2
	Gateway Head, Dual Port, (2) 18ft charging cables, 1-Year Token for 2 Level 2 Ports. Activation requires submission of Master Service Agreement. CANADA only.	CPHG2-C
	LAN Head, Single Port, US & Canada, (1) 18ft charging cable, 1-Year Token for 1 Level 2 Port. Activation requires submission of Master Service Agreement.	CPHD1
	LAN Head, Dual Port, US and Canada, (2) 18ft charging cables, 1-Year Token for 2 Level 2 Ports. Activation requires submission of Master Service Agreement. CANADA only.	CPHD2
<b>Mounting Cap</b>	Bollard Mount Cap	CPCAP-B
	Wall Mount Cap	CPCAP-W
<b>Charging Station Software</b>	The ChargePoint® Network Service includes online software that provides station owners with real-time station monitoring, station reporting, and billing software. To use ChargePoint® Network Services, station owners must complete ChargePoint's® Master Service & Subscription Agreement.	—