



Electric Vehicle Supply Equipment

M

evr-green® Networked Charging Stations	M-2
Level 2 Public Use Charging Stations	M-5
evr-green® Non-Networked Charging Stations .	M-8
Level 2 EV Charging Stations	M-8
Level 2 EV Charging Station with RFID and	
3rd Party Networking Compatibilities	M-9
EV Charging Station Pedestal System	M-10

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.

Continued on next page

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. For more information visit www.leviton.com/evrgreen.



Continued from previous page

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.

RFID Cards



Continued on next page

Continued from previous page

evr-green® Networked Charging Stations for Public Applications

-chargepoint+ Network Services

The Best Way to Connect with EV Drivers

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 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.



Networked Charging Stations

evr-Green® Single and Dual Port Level 2



evr-green® 4000 Level 2 Public Use Charging Stations

Specifications for Level 2

Category	Single Port	Dual Port
Electrical Input		
AC Power Input Rating — 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)
Station Power	8W typical (standby), 15W maximum (operation)	
Electrical Output		
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

Dual Port
Bollard
(Free-Standing)
Mount



Dual Port
Wall Mount



Note:
Also available
with single ports

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		
Component Options	Description	Cat. No.
Head Unit	Single Head	CPHU1
	Dual Head	CPHU2
Mounting Mechanism	Bollard Body	CPMBX
	Wall Mounting Body	CPMEX
Mount Cap	Bollard Cap	CPCAP-B
	Wall Mount Cap	CPCAP-W
Cable Management Assembly		CPCBX
Concrete Mounting Kit (for Bollard Mounting Versions)		CPCMK
Level 2 Charging Stations		
Typical Configurations	Components	
Single Head Bollard	CPHU1, CPMBX, CPCAP-B, CPCBX, CPCMK	
Dual Head Bollard	CPHU2, CPMBX, CPCAP-B, CPCBX, CPCMK	
Single Head Wall Mount	CPHU1, CPMEX, CPCAP-W, CPCBX	
Dual Head Wall Mount	CPHU2, CPMEX, CPCAP-W, CPCBX	

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. For more information visit www.leviton.com/evrgreen.



evr-green® Non-Networked Charging Stations for Level 2 EV Charging

Electric Vehicle Charging Stations for Level 2 EV Charging: 30 & 40 Amp, 7.2kW & 9.6kW

Evr-Green® Level 2 Electric Vehicle Charging Stations enable fast charging of any SAE 1772™ compatible electric vehicle. These new EV chargers deliver up to 9.6kW of power and offer a more compact, affordable, easy to use and easy to install solution to electric vehicle charging.

Features and Benefits

- Compatible with all Electric Vehicle Supply Equipment (EVSE) Codes, Standards and Recommended Practices, including SAE J1772™, NEC 625, UL 2231 and UL 2594
- Compact size, and unique wiring compartment design provides a hassle-free installation
- Water-Resistant enclosure is rated NEMA Type 3R for indoor and outdoor use
- Thermoplastic, vandal-proof enclosure withstands the harshest environments
- New cable design prevents cord from freezing and cracking in extreme weather (-40F/-40C)
- “Auto-Reclosure” feature enables charging to restart following a minor fault, thereby reducing the chance of having an undercharged battery
- Ground monitor interrupter circuit for safety
- Integrated On/Off switch to minimize standby power
- Compatible with Evr-Green® EVSE Pedestal System EVPED-2

EVR30-B1C

- 30A, 208/240 VAC, 7.2kW output, 18' charging cable

EVR40-B2C

- 40A, 208/240 VAC, 9.6kW output, 25' charging cable

EVR30-B1C



Evr-Green® e30 and e40 EV Level 2 Charging Stations

Description	Cat. No.
Evr-Green® Level 2 30 Amp Charging Station, 208/240VAC, 7.2kW output, cold temperature rated 18' charging cable, hardwired	EVR30-B1C
Evr-Green® Level 2 40 Amp Charging Station, 208/240VAC, 9.6kW output, cold temperature rated 25' charging cable, hardwired	EVR40-B2C

evr-green®

Electric Vehicle Charging Station with RFID and 3rd Party Network Compatibility Level 2 EV Charging: 30 Amp, 7.2kW

The Evr-Green® Electric Vehicle Charging Station with RFID enables cardholders convenient access to fast charging for any SAE 1772™ compatible electric vehicle. The RFID technology provides security by preventing unauthorized use. EV drivers can quickly and easily activate the charger by tapping their RFID card on the front of the unit. Allows multiple activation means, including the use of 3rd party networks, activation with RFID cards only, or “plug and play” with no RFID card needed.

Features and Benefits

- Compatible with all Electric Vehicle Supply Equipment (EVSE) Codes, Standards and Recommended Practices, including SAE J1772™, NEC® 625, UL 2231 and UL 2594
- Equipped with RFID reader for user identification
- Compact size and unique wiring compartment design provides a hassle-free installation
- Water-Resistant enclosure is rated NEMA Type 3R for indoor and outdoor use
- Thermoplastic, vandal-resistant enclosure withstands the harshest environments
- “Auto-Reclosure” feature enables charging to restart following a minor fault, thereby reducing the chance of having an undercharged battery
- Ground monitor interrupter circuit for safety
- Integrated On/Off switch to minimize standby power
- Equipped with convenient mounting bracket, cable management hook not included
- Compatible with Evr-Green® EVSE Pedestal System
- 1-year limited warranty
- 2 RFID cards included
- Wifi compatibility allows multiple activation means, including the use of 3rd party networks, activation with RFID cards only, or “plug and play” with no RFID card needed

EVR30-R2C



Evr-Green® e30+ EV Level 2 Charging Stations

Description	Cat. No.
Evr-Green® Charging Station with RFID, 30A, 208/240VAC, 7.2kW output, 25' charging cable, hardwired, 2 x RFID cards	EVR30-R2C
Additional RFID Card	EVRFI-000

evr-green® Electric Vehicle Charging Station Pedestal System

Single or Dual Mount EVSE Pedestal for use with Evr-Green® Charging Stations

The Leviton commitment to help create a sustainable environment is further manifested in our complete line of electric vehicle supply equipment (EVSE) and support services. Whether you are an EV driver, a commercial business, utility company or municipality, there's an Evr-Green® solution for you. Our new EVSE pedestal used in conjunction with the Evr-Green® Electric Vehicle Charging Stations provide durable electric vehicle charging for indoor or outdoor uses. The EVSE pedestal system can accommodate up to 2 charging stations enabling charging for two parking spots. The EVSE pedestal is perfect for auto dealerships, car rental agencies, city & township municipalities, health care facilities, educational institutions and any commercial or MDU setting.

EVPED-002



Features and Benefits

- Allows for one or two electric vehicle charging stations to be efficiently mounted on a single pedestal to save installation cost, space and time
- Compliant with Americans with Disabilities Act (ADA) recommended charge connect height of less than 48" and greater than 24"
- Constructed of durable powder coated steel to withstand environmental conditions
- Convenient docking station for charge connector ensures added connector protection
- 1-year limited warranty

Specifications for Pedestal System

Description	Material Specification
Pole/Base	Powder Coated Steel
Charge Connector Docking Bracket	Valox® PBT & Powder Coated Steel
Mounting Hardware	Stainless Steel

Evr-Green® Electric Vehicle Charging Station Pedestal System

Description	Cat. No.
Pedestal Mounting Pole and Base	EVPED-002
Evr-Green® Level 2 Charging Station, 30A, 208/240VAC, 7.2kW output, cold temperature rated 18' charging cable, hardwired	EVR30-B1C
Evr-Green® Level 2 Charging Station, 40A, 208/240VAC, 9.6kW output, cold temperature rated 25' charging cable, hardwired	EVR40-B2C

Evr-Green® Accessories

Description	Cat. No.
Electric Vehicle Charging Station Holster	EVHOL
Replacement Swivel Assembly	EVPED-S



EVHOL