

GOING ELECTRIC WITH  
*Legrand EV  
Charging  
Solutions*



designed to be better.

 legrand®



# The Legrand EV Charging Story

## Things are changing out there on the roadways.

The number of electric vehicles (EVs) sold per year has more than doubled since the start of the decade, with projections expecting over 26 million EVs on US roads alone by 2030.

Auto manufacturers, worldwide, are steering towards increasingly electric-fueled lineups, and EV infrastructure development continues to accelerate rapidly, driven by substantial investment and enticing incentives from both public and private sources.

The implication is clear: accessible EV charging is needed. Now. And in all the places people park as they live, work and play.

### *That's where we come in.*

We know power. We know charging. And as industry-leading experts in electrical devices and access, our solutions make it easy to add safe, fast and convenient EV charging to any space.

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COMMERCIAL EV CHARGER

LET EMPLOYEES, TENANTS OR GUESTS CHARGE UP WITH CONVENIENCE AND SPEED:

# The Networked Level 2 EV Charger

High-powered and versatile, this Level 2 charger works with any\* electric vehicle and features adjustable output -- from 16A to 48A -- to safely meet any EV's specific power needs. When used at its maximum output, however, drivers get their full charge at least 50% faster than with common 32A models and can enjoy up to a 46-mile range from just one hour of charging.

It also comes factory-configured with the AmpUp charging tool, which simplifies setup and provides property owners or facility managers with fast, reliable remote access for control and management of the networked charger.

*An ideal solution for commercial offices and workplaces, hotels, apartment complexes or other multi-purpose or dwelling units.*



### KEY FEATURES

- Pre-installed 4G SIM card for wireless connectivity and remote management
- Supports installation on walls or via optional single- or dual-sided pedestal
- Factory configured with AmpUp charging solution



| PART NUMBER     | PRODUCT                      | RATINGS  | NETWORK CONNECTION | COMPLIANCE  | DIMENSIONS  | COLOR  | COO   |
|-----------------|------------------------------|--|--------------------|---|---|--------|-------|
| LNA-EVC1-48-SV1 | Networked Level 2 EV Charger | Outdoor<br>48A (variable 16A-48A),<br>208-240 VAC, 11.5KW<br>NEMA 3R | 4G Cellular        | cETLus,OCPP<br>1.6-J, FCC, IC,<br>CA Prop 65,<br>RoHS, Energy<br>Star | 14.2" (H) x 9.8" (W)<br>x 3.9" (D) Unit Size;<br>18' Charging Cable | Silver | China |

\*An adapter is required for use with Tesla models.

EFFORTLESSLY DEPLOY AND MANAGE COMMERCIAL EV CHARGING:

# Factory Configured AmpUp Charging Solution Software

Legrand's Networked Level 2 EV Charger comes factory configured with AmpUp charging solution software, streamlining the setup process. Simply scan the QR code included with the charger and proceed through the onboarding process.

The software features a user-friendly charge station dashboard perfect for managing and monitoring charger pricing, analytics and access. It's comprehensive yet simple software that gives you the freedom to manage chargers your way.



### KEY FEATURES

- Control when charger is available to the public or to private user groups
- Allow drivers to initiate charging sessions through the AmpUp app, the QR code or RFID scanning
- Automatically adjust power to each networked charger based on property-wide load capabilities
- Subscription includes 24/7 support of the charger for both charger providers and EV drivers

FROM MESSY TO MANAGED:

# Commercial EV Charger Cable Management Pedestal

Tired of tangled cables cluttering your charging stations?

Take your EV charging offerings to the next level with an innovative cable management solution. Our EV Cable Management Pedestal offers a sleek, organized and hassle-free charging experience.

Each pedestal allows you to mount two Legrand EV chargers side by side for a streamlined cable management solution that keeps your cables off the ground and easily accessible to users.



## KEY FEATURES

- Side-by-side mounting plate accommodates two Legrand EV chargers, allowing multiple drivers to charge simultaneously
- Pedestal easily accommodates 21-foot charging cables with fully assembled pedestal reaching ~7 feet in height
- Cord retractor assembly keeps cords off the ground and neatly stored, preventing dangerous tripping hazards
- An alternative accessory anchor kit with wet concrete L-bolt anchors is available for new pour applications

To assemble a complete cable management pedestal, please make sure to order all three essential part numbers.



EV Charger Cable Management Side-by-Side Base Pedestal  
**XEVPEDCM1**



EV Charger Cable Management Dual Retractor Top  
**XEVPEDCM2**



EV Charger Cable Management Side-by-Side Mounting Plate  
**XEVPEDCM3**

FIT A SPACE'S UNIQUE INSTALLATION NEEDS:

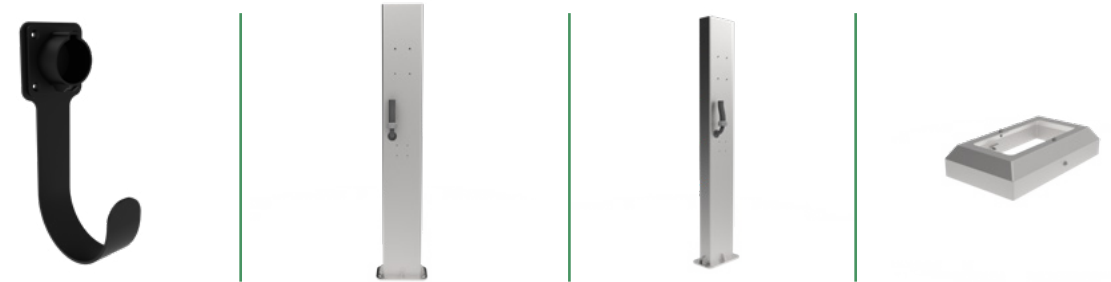
# Commercial EV Charger Accessories

Designed for flexibility, the Network Level 2 EV Charger offers multiple mounting options and supporting accessories to best fit an installation's environment and needs.

For free-standing charger installations, two pedestal options are available: Single- or Dual-Sided. Sold separately.

In installations where the charger is mounted directly to a wall, the Cable Management Hook enables users to neatly store the 18' charging cable for both convenience and safety (included with charger).

Pedestal base cover, used to conceal bolts and mounting holes for a cleaner and safer installation, also sold separately.



| PART NUMBER | PRODUCT   | COMPLIANCE   | DIMENSIONS  | COLOR  | COO   |
|-------------|---|--------------|---|--------|-------|
| XEV-HOOK    | Replacement Cable Management Hook                       | RoHS         | 9.76" (H) x 4.29"(W) x 3.19" (D)                    | Black  | China |
| XEVPED1     | Single-Sided Pedestal (Cable Management Hook included)  | cETLus, RoHS | 54.92" (H) x 7.87" / 10.63" (W) x 3.54" / 6.10" (D) | Silver | China |
| XEVPED2     | Dual-Sided Pedestal (Cable Management Hook included)    | cETLus, RoHS | 54.92" (H) x 7.87" / 10.63" (W) x 3.54" / 6.10" (D) | Silver | China |
| XEVPEDCVR   | Pedestal Base Cover                                     | RoHS         | 2.3" (H) x 10.8" (W) x 6.4" (D)                     | Silver | China |
| XEVPEDCM1   | EV Charger Cable Management Side-by-Side Base Pedestal  | RoHS         | 59.625" (H) x 9"(W) x 5.6875" (D)                   | Silver | China |
| XEVPEDCM2   | EV Charger Cable Management Dual Retractor Top          | RoHS         | 26.4375" (H) x 9.0625"(W) x 5.6875" (D)             | Silver | China |
| XEVPEDCM3   | EV Charger Cable Management Side-by-Side Mounting Plate | RoHS         | 15.5" (H) x 27.9375"(W) x 0.875" (D)                | Silver | China |
| XEVPEDCMCVR | EV Charger Cable Management Base Cover                  | RoHS         | 2.8125" (H) x 13.25"(W) x 8.9375" (D)               | Silver | China |



## WHAT IS LEVEL 2 EV CHARGING?

Three levels of EV chargers are currently available, largely differentiated by potential power output. While Level 1 chargers conveniently plug into a standard outlet, their minimal output means much slower, even unreliable charging. With Level 2 models, however, which use a dedicated 240V power source instead, EVs can fuel up faster and go farther. This means a lot less worry between charges, while still being a significantly less expensive option than Level 3's DC fast-charging models.

PLUG-IN HOME EV CHARGER

MAKE EASY AT-HOME CHARGING FAST, SAFE AND EFFICIENT:

# The Plug-In Home Level 2 EV Charger

Getting started with this non-networked Level 2 EV Charger is truly as simple as plugging it in, indoors or out. Then drivers can use the 40A output of this compact yet powerful unit to charge any\* electric vehicle quickly – taking the battery from 0 to 100%

in 8-10 hours and providing up to a 38-mile range per hour of charging.

*An ideal solution for the garages, driveways or carports of single-family homes.*



KEY FEATURES

- Blends in easily with a sleek, compact design
- Preassembled with flexible cord whip and NEMA 14-50 plug
- SAE J1772 connector, the North American standard for EV charging
- LED indicator light shows charging status of vehicle
- 18' charging cable to easily reach multiple spots
- Includes storage hook and holster

HARDWIRED

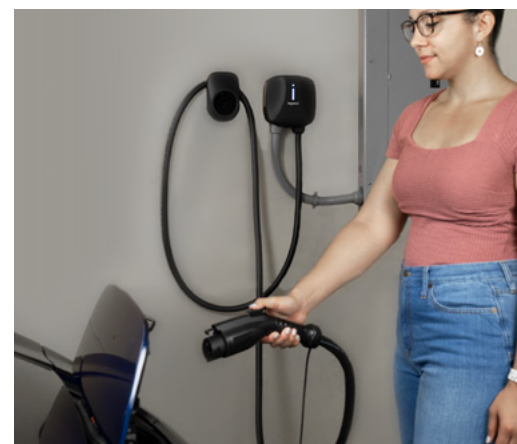
- Arrives ready to wire; no internet connection or software required

HARDWIRED HOME EV CHARGER

WIRE IT IN FOR FASTER, MORE FLEXIBLE AT-HOME CHARGING:

# The Hardwired Home Level 2 EV Charger

Hardwired and higher-powered, this Home Level 2 EV Charger is rated for up to 48A, boosting rates and ranges to fully recharge a vehicle in 6-8 hours and get drivers up to 46 miles per hour of charging. This model also features variable output, however, letting users adjust as desired to safely meet specific vehicle needs and/or personal energy-usage preferences.



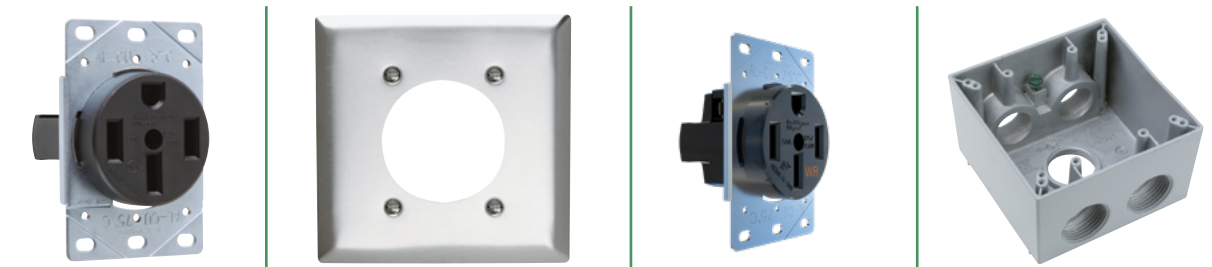
| PART NUMBER     | PRODUCT                           | RATINGS   | COMPLIANCE   | DIMENSIONS                                     | COLOR | COO   |
|-----------------|-----------------------------------|---|--|--|-------|-------|
| L2EVSE40ACP1450 | Plug-In Home Level 2 EV Charger   | Indoor/Outdoor<br>40A,<br>208-240VAC, 9.6kW<br>NEMA 3R                      | cETLus, FCC, IC,<br>CA Prop 65, RoHS,<br>Energy Star | 7.08" x 7.08" Unit Size;<br>18' Charging Cable | Black | China |
| L2EVSE48AC      | Hardwired Home Level 2 EV Charger | Indoor/Outdoor<br>48A (variable 16A- 48A),<br>208-240VAC, 11.5kW<br>NEMA 3R | cETLus, FCC, IC,<br>CA Prop 65, RoHS,<br>Energy Star | 7.08" x 7.08" Unit Size;<br>18' Charging Cable | Black | China |

\*An adapter is required for use with Tesla models.

ENSURE SAFE CHARGING AND QUALITY PERFORMANCE:

# Plug-In EV Charger Accessories

The Plug-In Home Level 2 EV Charger should always be used with a NEMA 14-50 Outlet (common for electric dryers, ranges, recreation vehicles, etc.). Designed for higher capacity, these outlets can deliver the amount of power required for Level 2 charging speeds without issue or risk. For outdoor charging, a weather-resistant NEMA 14-50 Outlet is required.



|         | PART NUMBER | PRODUCT   | RATINGS                       | COMPLIANCE       | DIMENSIONS  | COLOR                      | COO   |
|---------|-------------|---|-------------------------------|------------------|---|----------------------------|-------|
| INDOOR  | 3894        | 50A Electrical Outlet for Ranges / Dryers / EV Chargers       | Indoor<br>50A, 125/250V       | cULus, CSA, RoHS | 3.77" (H) x 2.55" (W) x 2.2" (D)                                    | Black/<br>Stainless Steel  | China |
|         | SS703       | Power Outlet Receptacle Opening                               | Indoor<br>Corrosion-Resistant | cULus, CSA, RoHS | 2-Gang Unit Size;<br>Opening for 2.125" Outlet;<br>0.032" thickness | Stainless Steel            | USA   |
| OUTDOOR | 3894WR      | 50A Weather-Resistant Electrical Outlet for RVs / EV Chargers | Outdoor<br>50A, 125/250V      | cULus, CSA, RoHS | 3.77" (H) x 2.55" (W) x 2.2" (D)                                    | Black /<br>Stainless Steel | China |
|         | WPBD452     | Weatherproof Box for Outdoor Mounting                         | Indoor/Outdoor                | cULus, CSA, RoHS |   |                            | India |

# Incentive-Ready Charging for Any Space

Making the switch to electric fueling comes with multiple benefits – for individual drivers as well as facility owners and managers – including rebates and tax credits from a wide variety of incentive programs offered by federal, state and local governments as well as utility companies. Eligibility details vary by application, location and program, but Legrand’s commercial and residential charging solutions meet the most common qualifications.

To learn more about commercial incentives and rebates, scan QR code or [click here](#) to learn more.



To learn more about residential incentives and rebates, scan QR code or [click here](#) to learn more.



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## LOOKING TO LEARN MORE ABOUT LEGRAND'S EV CHARGING SOLUTIONS?

Visit [legrand.us/ev](https://legrand.us/ev) to get started.

## WANT TO KNOW MORE ABOUT EV CHARGING AS WHOLE?

Check out some of these great sources:

**BLOG:** [What is EV Charging?](#)

**BLOG:** [Which Home EV Charger is Right for You?](#)

**BLOG:** [Connected EV Charging](#)

**WHITE PAPER:** [Cellular vs Wi-Fi Networking](#)

**FAQ:** [Commercial EV Charging](#)



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