



EV CHARGING STATION FOUNDATION

FOR LEVEL 2/3 EV CHARGERS

To accommodate the sharp increase in demand for electric vehicle (EV) charging stations, contractors will need product solutions that are easily installed, durable, cost-effective and future-proof.

PLP's EV Charging Station Foundation is a pre-fabricated, precision-engineered solution for EV charging. This durable polypropylene foundation requires no specialized machinery and it can be installed with two people in one day. The EV Charging Station Foundation's design adapts to fit all EV chargers and charger pedestals/poles currently on the market. The foundation top plate provides a clean finish, is easy to drill, and is an access point for repairs and future upgrades.

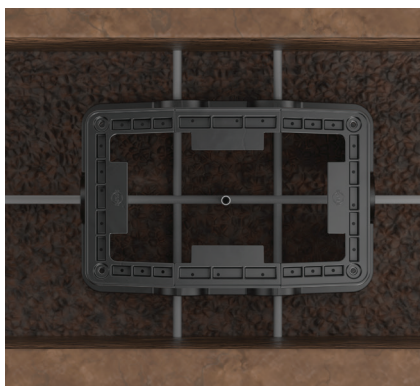
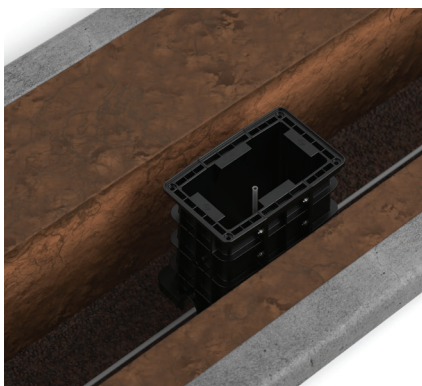
FEATURES AND BENEFITS

- Make-ready solution that prevents future infrastructure changes
- Easy, one-day installation; no concrete pours or heavy machinery required
- Engineered solution creates a clean, uniform appearance
- Top plate can be modified to fit multiple level 2 chargers or larger level 3 chargers
- Manufactured from durable, weather-resistant polypropylene
- Six ports for versatility when running conduit into the foundation
- Top plate creates easy access point for charger repairs, replacements or upgrades
- Extensive testing to withstand frost heave, hydraulic lift, heavy traffic, and high winds (up to 200 mph), with no chemical leaching



FUTURE-PROOF

- Make-ready solution prevents future infrastructure disruptions. Install multiple foundations today and add charging units over time, mitigating the need to break ground as the demand increases.
- Universal fitting system easily accommodates different Level 2 or Level 3 charging station models.
- Easy-to-drill top plate access point makes for easy repairs and replacements.



ENGINEERED SOLUTION

- **Foundation** allows the charger to be installed, powered, and commissioned immediately; no waiting for concrete to cure.
- **Top Plate** can be easily drilled and fitted in the field to fit a wide range of charging models.
- **PE Certified** when installed per instructions, against frost upheaval and high winds.



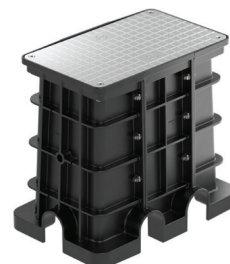
Foundation



Top View



Top Plate

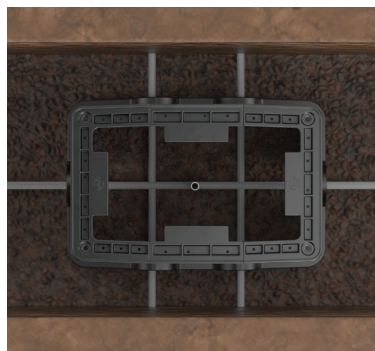


Finished Installation

VERSATILE

Multiple Wiring Configurations

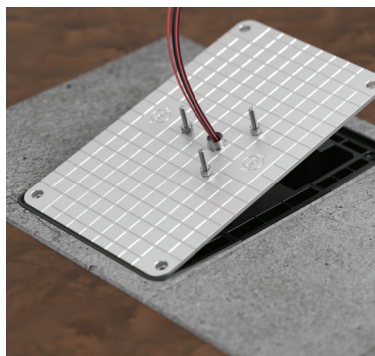
- Daisy-chain
- Dead-heading
- Change-of-direction
- Accepts up to 4-inch conduit



FLEXIBLE

Creates a Convenient Access Point

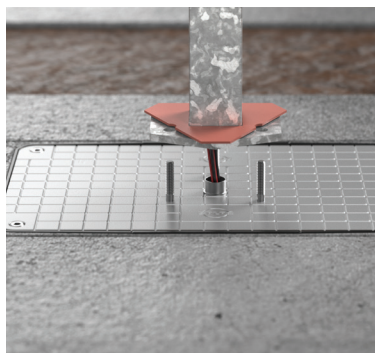
- Top plate provides easy access for future repairs
- Accommodates Level 2 and Level 3 chargers and charger pedestals
- Top plate is easy to drill



DURABLE

Designed and Tested to Withstand Harsh Environmental Conditions

- Tier 15-Rated (22,000 lb compression strength)
- 200 mph wind tested
- High water table resistant
- Frost heave resistant

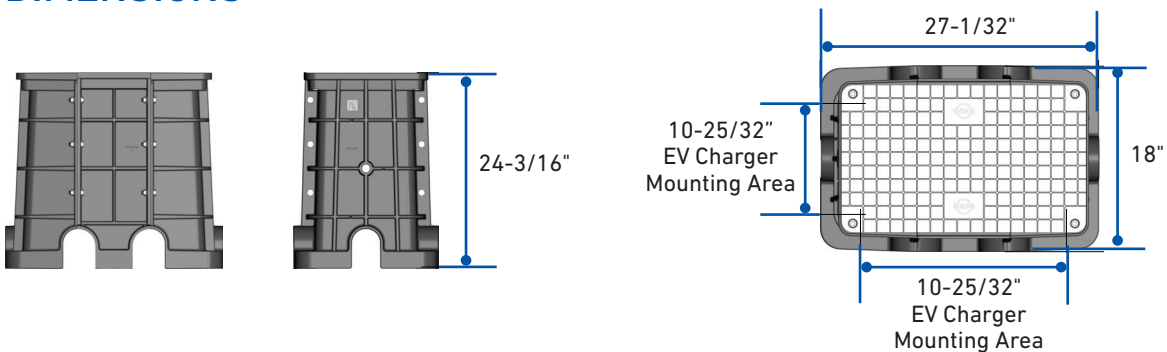




SPECIFICATIONS

Material	Weight with Lid	Rating	Horizontal Load Testing	Vertical Load Testing Maximum
Body: Polypropylene	60 lb	Tier 15 Rated	200 mph	1000 kg (2204 lb) Maximum scale

DIMENSIONS



ORDERING INFORMATION

Catalog Number	Description
EVBASEASSY-230	EV Charging Station Foundation Level 2/3 with Top Plate
5600035	Top Plate Replacement



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