



EV ARC™ FAQ

Where does the EV ARC™ get the energy to charge my EV?

The SUN! Each EV ARC™ system generates and stores its own clean electricity and uses our patented BeamTrak™ tracking system to follow the sun throughout the day. BeamTrak™ bows the array towards the sun to create up to 25% more electricity than a fixed array. If you are around when this takes place, you may hear it move to track the sun.

How do I charge my EV on an EV ARC™?

Charge like you would any other EV charging station. The EV ARC™ is a totally renewable "grid" that powers a variety of the most common EV charging stations. Go ahead and park on the base pad or any space the cord is long enough to reach and plug in. The EV charger may require a subscription or a specific app. If you encounter a new type of EV charger, there will be contact information or instructions to explain what to do.

Does solar feed the EV charger directly?

Yes; because sunlight varies and EV chargers require a constant energy source, energy from internal batteries makes up the difference when solar energy alone isn't enough to power the EV charger. The energy comes from new and stored solar energy.

Why does the charger sometimes turn off?

The EV ARC™ is taking care of itself when there isn't enough sunlight. It automatically turns off power to the charger when its reserve battery storage gets low. This protects its batteries and extends their life. The charger will turn back on when the batteries reach a partial charge so come back again when it has a little more energy to dispense.

Can the EV ARC™ lock the coupler (plug) to an EV?

No. There is no locking mechanism in the plug that can automatically lock itself to a vehicle. Any locking behavior is done on the vehicle by the vehicle.

How fast will the EV ARC™ charge my car?

The EV ARC™ outputs up to a 16A Level 2 rate (5.76kW) that can be distributed between 1 to 6 charging ports. This is about 25 e-miles* every hour on a single port.

Can I charge my car at night?

Yes! The EV ARC™ has batteries that store excess energy during the day so you can charge at night, inclement weather and grid outages. The EV ARC™ array will also turn on LED canopy lights to safely illuminate the parking space and EV charger.

Can anyone charge on an EV ARC™?

This is determined by the owner. If the charger has access control, contact the site manager to inquire about access to charge.

How much does it cost to charge on an EV ARC™?

The owner may apply a fee that will be listed on the charger display or app.

*Using an estimated vehicle efficiency of 4 miles/kWh.