What is the EV ARC™?

The EV ARC™ - Electric Vehicle Autonomous Renewable Charger™ - is a rapidly deployable, islanded charging station capable of providing uninterrupted power to a variety of applications.

Available in multiple power configurations, the EV ARC™ is equipped with lithium ion batteries for onboard energy storage. This allows the EV ARC™ to remain grid independent while still supplying clean, sustainable energy to the end user.

With a footprint of 18' x 8', the EV ARC™ is designed to be deployed within a standard car parking space with no impact to the existing parking system. In the event EV charging requirements change, the EV ARC™ can be moved utilizing organic transportation assets or our ARC Mobility Trailer.
What is the EV ARC™?

Autonomous Renewable Charger

- No Installation
- EnvisionTrak™ - Exclusive patented Sun tracking technology
- 100% off-grid, clean energy and ballasted system
- Deploys in minutes: just drop and charge
- New Transformer ARC™ configuration for compact shipping (40’ shipping container)
- Supports any quality EVSE charger (networked or non-networked)
- Highly scalable
- Real time data – web based reporting
- Made in USA (Manufactured in San Diego, California)
Delivered to your site ready to charge in minutes – Just drop and charge!

- No civil engineering
- No permitting
- No construction
- No foundation
- No trenching
- No electrical circuit
- No transformer / switchgear upgrades
- No meter
- No interconnect agreements
- No utility bills
- No carbon footprint
# EV ARC™ Specifications

<table>
<thead>
<tr>
<th>EV ARC™ 3</th>
<th>EV ARC™ 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar Array Power¹</td>
<td>kW</td>
</tr>
<tr>
<td>Max Daily EV Range (Solar)²</td>
<td>e-miles</td>
</tr>
<tr>
<td>Canopy Dimensions (L x W)</td>
<td>ft</td>
</tr>
<tr>
<td>Max Height</td>
<td>ft</td>
</tr>
<tr>
<td>Min Clearance</td>
<td>ft</td>
</tr>
<tr>
<td>Total Battery Storage</td>
<td>kWh</td>
</tr>
<tr>
<td>Reserve EV Range (Battery)³</td>
<td>e-miles</td>
</tr>
<tr>
<td>Operating Temperature⁴</td>
<td>°C (°F)</td>
</tr>
<tr>
<td>Max Wind Load</td>
<td>mph</td>
</tr>
<tr>
<td>Basepad Footprint (L x W)</td>
<td>ft</td>
</tr>
<tr>
<td>Weight⁵</td>
<td>lbs</td>
</tr>
<tr>
<td>Surface Loading⁶</td>
<td>psf</td>
</tr>
<tr>
<td>Max Total EV Charger Power⁷</td>
<td>kW</td>
</tr>
<tr>
<td>Max EV Charger Circuits⁸</td>
<td>ports</td>
</tr>
<tr>
<td>EV Charger Types</td>
<td>n/a</td>
</tr>
<tr>
<td>Standard Shipping Method</td>
<td>n/a</td>
</tr>
<tr>
<td>XFMR Shipping Size (L x W x H)⁹</td>
<td>ft</td>
</tr>
</tbody>
</table>

**Major Component Ratings**¹⁰
- UL 94 V-0 (Battery); UL 1741, CSA C22.2 No.107.1 (Inverter and Charge Controller); UL 1778 Annex FF (Inverter); UL 1703, IEC 61215, IEC 61730 (Solar Panels); UL 2594, UL 2231 (EVCS)

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**References:**

1. Actual nameplate output may vary by +/- 5% based on panel availability
2. Range will vary based on local conditions
3. Range assuming 25°C
4. Cold weather package allows for operation to -40°C
5. Exact weight varies based on EV ARC model
6. Load calculated by weight distributed over 8, 8in x 24in anti-skidpads
7. Actual total output power depends on EV and EVCS (3.3 to 3.8kW common for L2 charging)
8. Power may be reduced based on number of circuits, EV models, and EVCS types
9. Enables domestic and international shipping on a standard flatbed trailer or shipping container
10. Subset of ratings are listed; additional listings furnished upon request

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**RENEWABLE FUTURE** specialises in the supply & installation of Electric Vehicle (EV) Charging stations throughout Sub-Saharan Africa.

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