



EV ARC™ 2020

The EV ARC™ 2020 is the only rapidly deployed, transportable but permanent, EV charging solution. Grid independent and 100% sustainable, it deploys in minutes without permitting, construction or electrical work. It will charge electric vehicles with the EV charger of your choice, even during grid failures. You'll never get a utility bill.

Sustainable EV Charging

The EV ARC tracks the sun and generates and stores all of its own electricity. It fits inside a standard parking space and because vehicles easily park on it you won't lose a single spot. Reaching as many as 12 vehicles, it can charge up to six EVs at the same time. Use it day or night and during periods of inclement weather.

Join organizations across the U.S. like Google, New York City and Caltrans who are Driving on Sunshine.



EV Charging Deployed in Minutes Not Months



Rapidly Scalable



No Permits,
No Construction



Any Brand Charger,
Pre-Mounted



Charge 24/7: Night,
Rain, Grid Failures



Get the Charger Brand You Want



Fastest Deployed



Most Scalable



Lowest TCO

Vital Energy When and Where You Need It

The EV ARC™ 2020 is off-grid so generates no utility bill and can charge EVs during power outages. It provides emergency power for first responders, is wind-rated to 120mph, flood-proof to 9.5' and ADA compliant. Units are deployed in minutes by a Beam Deployment Expert and require zero contact.

EV ARC™ 2020 Specifications

Performance	
Solar Array	4.3 kW
Daily Range Delivered ¹	Up to 265 e-miles
Battery Storage Options	22,32.43 kWh
Total EV Charger Power ²	Up to 4.3 kW
EV Charger Type ^{3,4}	Any brand; 1-6 plugs; types J1772 or CHAdeMO
Certified Wind Load	120 mph

1. Range will vary based on local conditions
2. Actual total output power depends on EV model and charger model
3. Supports a variety of quality EV chargers that come pre-mounted.
4. Power may be reduced based on number of circuits, EV model and charger model.

Major Component Ratings

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), UL2594 UL2231 (EVSE)

Mechanical	
Array Dimensions (LxW)	21 x 10.6 ft
Max Height	15.3 ft
Min Clearance	9 ft
Base-Pad Footprint (LxW)	18 x 7.5 ft
Weight ⁵	<12,500 lbs
Surface Loading ⁶	8.14 psi
Standard Shipping Methods	ARC Mobility™ Trailer/ Truck & Trailer / Shipping Container
Transformer ARC Stowed Shipping Size (LxWxH) ⁷	18 x 7.5 x 7.6 ft

5. Exact weight varies based on EV ARC™ model and options
6. Pressure calculated by weight distributed over 8in x 24in anti-skid pads
7. Enables domestic and international shipping on a standard flatbed trailer or shipping container

Drive on Sunshine