EV ARC™

The EV ARC™ from Beam Global is the only rapidly deployed, 100% renewable, transportable but permanent EV charging solution. Grid independent, it deploys in minutes with no permitting, no construction, no electrical work and no utility bill. It will charge electric vehicles with the EV charger brand of your choice, even during grid outages.

Sustainable EV Charging

Each EV ARC™ system generates and stores its own clean electricity and tracks the sun to generate up to 25% more energy. Battery storage allows you to charge during the night, inclement weather and power outages. It fits inside a standard parking space and because vehicles easily park on the base pad you won't lose a single spot. Reaching as many as 12 vehicles, you can charge up to six EVs at the same time.

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

EV Charging Deployed in Minutes Not Months

- **Rapidly Scalable**
- **No Construction, No Electrical Work**
- **Any Brand Charger, Pre-Mounted**
- **Charge 24/7: Night, Rain, Grid Failures**

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BEAM

Get the Charger Brand You Want

Fastest Deployed

Most Scalable

Lowest TCO

Vital Energy When and Where You Need It

The EV ARC™ system 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 160 mph, flood-proof to 9.5' and ADA compliant. Units are deployed in minutes by a Beam Deployment Expert and require zero contact.

EV ARC™ Specifications

Performance	
Solar Array [1]	4.3 kW
Range [2]	Up to 265 e-miles in a single day
Battery Storage Options	20, 30, 40 kWh
Total EV Charger Power [3]	Up to 5.76 kW
EV Charger Type [4,5]	Any brand; 1-6 plugs; type J1772
Certified Wind Load	160 mph
Operating Temperature	-20˚ C to 50˚ C

Mechanical	
Array Dimensions	20.7 L x 10.7 W ft
Max Height	15.3 ft
Min Clearance	9 ft
Base-Pad Footprint	18 L x 7.5 W ft
Weight [6]	<10,500 lbs
Surface Loading [7]	8.14 psi
Standard Shipping Methods	ARC Mobility™ Trailer/ Truck & Trailer / Shipping Container
EV ARC™ Stowed Ship Size [8]	18 L x 7.5 W x 7.6 H ft

Major Component Ratings
EV ARC™: UL 9540 Pending
EVSE: UL 2231, UL 2594
Battery: UL 1973
Solar Panels: UL 1703
Inverter: UL 1741-2010/2018, IEEE1547a-2003/2014, FCC 15 class B, UL 1741SA, CA Rule 21, HECO Rule 14H

1. Solar array output may vary +/-5%
2. Range will vary based on local conditions
3. Actual total output power depends on EV model and charger model
4. Supports a variety of quality EV chargers that come pre-mounted
5. Power may be reduced based on number of circuits, EV model and charger model
6. Exact weight varies based on EV ARC™ model and options
7. Pressure calculated by weight distributed over 8in x 24in anti-skid pads
8. Enables domestic and international shipping on a standard flatbed trailer or shipping container

Drive on Sunshine™

V2.4