



## EV ARC™ 2020

The EV ARC™ 2020 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

## 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 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™ 2020 Specifications

Performance	
Solar Array	4.4 kW
Range <sup>1</sup>	Up to 265 e-miles in a single day
Battery Storage Options	20, 30, 40 kWh
Total EV Charger Power <sup>2</sup>	Up to 5.76 kW
EV Charger Type <sup>3 4</sup>	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 <sup>5</sup>	<12,500 lbs
Surface Loading <sup>6</sup>	8.14 psi
Standard Shipping Methods	ARC Mobility™ Trailer/ Truck & Trailer / Shipping Container
EV ARC™ Stowed Ship Size <sup>7</sup>	18 L x 7.5 W x 7.6 H ft

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

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.
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™