

Solar Arc



A completely off the grid self contained charging station.

System runs off 22 kWh battery charged by 4.3kw solar array. Parking space sized heavy base supports the structure and resists wind over 100 mph. Has an option to make emergency power available.

This could be both a Statement Making Pubic Charger and an easily moveable charger (if you have the BIG truck). It is both a billboard making it known that you believe in sustainability and could draw attention to other EV progress and infrastructure in the area. Since it is self contained, it can be moved to different locations without the time and expense of running expensive wiring and pouring concrete for permanent chargers. And doing trials at different locations can get data on location desirability of those locations to EV drivers.

Product	Product Code	Product Description	Quantity	List Price	Total Price
EV ARC™ with ChargePoint Dual Port J-1772 Plugs	ARC-CP4023	4.3kW solar array, BeamTrak™, 22kWh (expandable) battery storage with ChargePoint CT4023-GW1, dual-plug derated Level 2 smart/networked charging station. CLIN #2, includes 2% CA DGS Contract discount.	2.00	\$65,022.02	\$130,044.04
Additional Battery Pack	ABP	Increases energy storage in 8 kWh increments. CLIN #13, includes 2% CA DGS Contract discount.	4.00	\$4,910.78	\$19,643.12
Emergency Power Panel	EPWR	6kW with 208V or 240V connection (not GFCI protected) including 1x NEMA L14-30 (twist lock), and 120V connections (GFCI protected) including 2x Duplex NEMA 5-20 + 2x NEMA L5-20 (twist lock). CLIN #14, includes 2% CA DGS Contract discount.	2.00	\$1,925.70	\$3,851.40
Bumper Stops	BSTP	Set of Safety Bollards. CLIN #15, includes 2% CA DGS Contract discount.	2.00	\$357.70	\$715.40
RMMS (1 Year)	RMMS	Remote Monitoring and Management System: 4G LTE wireless, BeamTrak™ tracking technology, unit monitoring. First 12 months included with purchase. Auto-renew option available. CLIN #18, includes CA DGS Contract discount.	2.00	\$360.00	\$0.00
Warranty (1 Year)		Manufacturer Warranty - First 12 months included	2.00	\$0.00	\$0.00
Totals					
Shipping and Handling is FOB Destination and includes: - Beam Team performing un-load / un-stow of equipment - Return shipping of support equipment Please have a 15K capacity forklift onsite upon delivery			Total Price		\$154,253.96
			Shipping and Handling		\$0.00
For multiple unit deliveries, a \$1,500 discount will be applied to Shipping & Handling upon invoicing for each additional unit delivered to the same location on the same day.			Grand Total		\$154,253.96
			Expiration Date		7/31/2021

NYC. Dec 2021

<https://pv-magazine-usa.com/2021/12/02/solar-ev-charging-stations-are-deployed-in-nyc/>

<https://beamforall.com/product/ev-arc-2020/>

Beam Global is listed on Nasdaq under the symbols BEEM and BEEMW.

CASE STUDY

Charlotte, North Carolina



The City of Charlotte is using Automated Vehicle Locator (AVL) data to inform where chargers are needed for fleet use. Additionally, the city will use semi-mobile, solar-powered EV chargers to scout new areas for installation. The chargers do not need to be connected to the grid and can be moved from one neighborhood to another to test whether they are appropriate to be used in each location prior to expensive investments in charging infrastructure.

A local university recently approached the city to explore the possibility of installing EV charging stations on streetlights. If a pilot project were approved, it would likely start in 2021.