



# BeamBike™

The BeamBike™ solar-powered ebike charging system charges up to 12 ebikes on an off-grid, transportable charging platform that is deployed in minutes. The dedicated ebike charging station provides a vital solution for ebike owners who want a secure location to park, lock and charge their ride, without the risks of charging indoors.

## Safe, Secure eBike Charging

The BeamBike™ charger is a turnkey solution that deploys in minutes with no construction, no electrical work and no utility bill. Transportable but permanent, it can be relocated as ebike charging patterns emerge and change.

Ideal for transit centers, parks, shopping malls, campuses, bike rental providers, workplace, civic centers, mixed use communities, event centers, stadiums and amusement parks, BeamBike™ charging stations make safe, cost-effective ebike charging accessible to all.



## Dedicated eBike Charging Station Deployed in Minutes



Park, Lock,  
Charge



No Construction,  
No Electrical Work



Safe, Renewable  
Energy



Free Public  
Charging

## Renewable Power with Grid Resiliency



Fastest Deployed



Charge During Outages



Transportable but Permanent

## Power Your eBike Off-Grid with Solar Energy

Each BeamBike™ solar-powered charging system generates and stores its own clean electricity which is accessed through twelve integrated and easily accessible 120 V outlets which will support any ebike charger. The onboard battery storage provides charging and vital 120 V outlets during grid outages

## BeamBike™ Specifications

### Performance

Charge Capacity	Up to 12 ebikes
Charger Type	120 V outlets
Solar Array	4.4 kW
Battery Storage Options	20, 30, 40 kWh
Certified Wind Load	160 mph
Operating Temperature	-20° C to 50° C

### Major Component Ratings

**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

### 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>1</sup>	<10,500 lbs
Standard Shipping Methods	ARC Mobility™ Trailer/ Truck & Trailer / Shipping Container
EV ARC™ Stowed Ship Size <sup>2</sup>	18 L x 7.5 W x 7.6 H ft

<sup>1</sup> Exact weight varies based on EV ARC™ model and options  
<sup>2</sup> Enables domestic and international shipping on a standard flatbed trailer or shipping container

R I D E O N S U N S H I N E

