

## StarBeam™

StarBeam™ curbside EV charging solutions deliver accessible, budget-friendly charging powered by renewable energy sources. Designed as a streetlight alternative, the system combines solar, wind, and grid power to offer both illumination and EV charging. Integrated with StarBeam's specialized battery storage, it ensures reliable, sustainable energy delivery right at the curb.

### Curbside Charging Convenience

Perfect for high-traffic urban areas, apartment complexes, retail zones, and event spaces, the StarBeam™ system integrates seamlessly with any Level 2 EV charger and features an energy-efficient, high-brightness LED light. Designed to replace conventional streetlights, it eliminates the need for trenching, utility upgrades, construction work, property easements, leases, or the lengthy permitting typically associated with curbside charging. This solution helps lower carbon emissions, reduce pressure on the electrical grid, and cut energy costs.



### Curbside EV Charging Accessible to All



Curbside  
Convenience



Streetlight  
Replacement



Use Existing  
Grid Connect



Clean Renewable  
Energy



## EV Charging that Generates Energy for Grid Balancing



Lower Utility Costs



Charge During Outages



Grid Resiliency

## Upgrade Your EV Charging Infrastructure with Clean Energy

The StarBeam™ system combines renewable and grid energy to deliver up to 220 e-miles in a single day. Its 1 kW solar array and 1 kW wind turbine generate clean energy that is combined with an existing low-circuit feed and stored in 15 kWh of integrated battery storage to provide curbside Level 2 charging.

## StarBeam™ Specifications

Performance	
Solar Array	1 kW
Wind Turbine	1 kW
Battery Storage	15 kWh
Range	Up to 220 e-miles in a single day 1
Total EV Charger Power 2	5.76 kW
EV Charger Type 3, 4	Any brand 1-2 plugs; type J1772
Operating Temperature	-20° C to 50° C

Mechanical	
Height	40 ft
Height without wind option	30 ft
Ground Interface	12 x 1 in bolt pattern at 18 in diameter
Required Input	208 V / 240 V 1200 W

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 EV model and charger model

# Charge on Sunshine™