



BeamPatrol™

The BeamPatrol™ law enforcement patrol station provides four stealth e-motorcycles, motorcycle charging and off-grid emergency power using 100% renewable energy to provide safety and security where it's needed. The system is rapidly deployed and readily transported to provide flexibility for safety and law enforcement personnel.

Law Enforcement Patrol Station

The off-grid systems deploy in minutes with no construction, no electrical work and no utility bill and can continue to charge in grid outages. Electric patrol motorcycles enable fast, efficient call response times and lightweight maneuverability in tight spaces. Completely self-contained, BeamPatrol™ stations are ideal for law enforcement, customs and border patrol, the military, park services, airports, seaports and stealth operations.



Patrol Station for Safety and Security



Fast, Quiet Stealth Patrols



Four Patrol e-Motorcycles



Four Chargers



Emergency Power Panel

Flexible and Scalable Tactical Operations



Self-Contained



Rapidly Deployed



Transportable

Powered by 100% Renewables for Energy Security and Resiliency

Each system generates and stores its own clean electricity which is accessed through four integrated level 2 J1772 chargers. Onboard battery storage and an Emergency Power Panel for first responders can provide electricity during grid outages, providing an emergency preparedness and energy resiliency asset.

BeamPatrol™ Specifications

Performance

Charge Capacity	Up to 4 e-Motorcycles
Charger Type	Level 2 J1772 Chargers
Solar Array ¹	4.4 kW
Battery Storage	40 kWh
Certified Wind Load ²	160 mph
Operating Temperature	-20° C to 50° C

Major Component Ratings

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 ³	10,000 to 15,000 lbs
Standard Shipping Methods	ARC Mobility™ Trailer/ Truck & Trailer / Shipping Container
EV ARC™ Stowed Ship Size ⁴	18 L x 7.5 W x 7.6 H ft

1. Solar array output may vary +/-5%

2. Wind rating is for EV ARC™ Base Model energy infrastructure equipment

3. Exact weight varies based on EV ARC™ model and options

4. Enables domestic and international shipping on a standard flatbed trailer or shipping container

THRIVE ON SUNSHINE™