

PV Stop Max

Ultra-bright off-grid security lighting and real-time bus arrival information for every bus stop



Enhance safety at bus stops, reduce pass-bys and boost choice ridership with ultra-bright off-grid security lighting and optional real time bus arrival information.

- Completely off-grid; significant costs associated with trenching and cabling are eliminated
- Illuminates large (~200 ft²) waiting area to enhance security and reduce pass-bys
- Large, tilted solar array ideal for northern locations
- Optional 13" and 23" pole-mounted e-paper real time information displays

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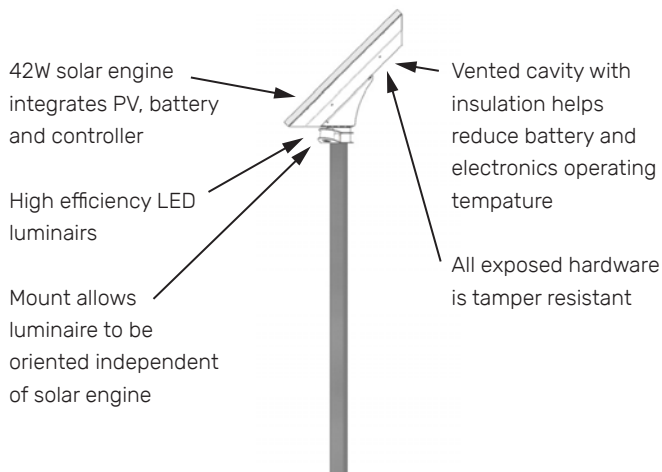


Features & Benefits

- Reduces rider pass-bys; the top complaint reported by transit agencies
- Enhances security and deters crime
- No trenching, utility bills or utility involvement; fast and easy installation
- Solar array tilted at 45 to 55 degrees from horizontal for optimal year-round performance
- Luminaires can be oriented in any direction independent of the solar array orientation
- Optional 13" and 23" pole-mounted e-paper real time information displays
- Optional ECM Connect™ reduces costs associated with on-site troubleshooting of lighting and digital display
- Custom colors and decals available
- Made in the United States, Buy America compliant
- Industry leading 10-year system warranty

Product Specifications

- Solar array size: 42W, 70W
- Solar array technology: monocrystalline
- Solar array tilt: 45°, 55°
- Battery capacity: 20Ah, 36Ah, 40Ah @ 12.8V
- Battery chemistry: LiFePO4 (Sealed lead acid AGM optional for cold environments)
- Battery autonomy: 5+ nights
- Operating range: -4 to 140°F (-20 to 60°C) with LiFePO4/ -40 to 140°F (-40 to 60°C) with AGM
- Luminaires: 2, 5W each
- Lighting profile: fully customizable with real time clock and calendar scheduling
- Standard controller: Urban Solar ECM with real time clock, data logging, low voltage disconnect
- Optional functionality: Urban Solar cellular-based ECM Connect™ managed lighting solution with cloud-based control and monitoring
- Compatible poles: 2.5" OD square tube, 3" OD round tube
- Recommended foundation: 30" deep x 28" diameter reinforced concrete; please inquire about surface mount options



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