

# PV-AD Shelter

Reliable Solar Lighting Solutions



The PV-AD Shelter is the world's most reliable solar powered LED advertising shelter lighting system. It delivers safe and environmentally friendly lighting through superior technology and design.

PV-AD Shelter systems integrate seamlessly with the architecture of any shelter, and their various configurations can be tailored to meet your agency's safety, branding, and performance needs.

- Self-contained and fully automatic
- Clean, bright white LED illumination
- High efficiency solar panels
- Intuitive power management
- Proven battery technology
- Low installation costs; no trenching cabling or wiring
- Customer-focused, integrated designs
- Optional 24/7 remote monitoring
- UL listed. Independently tested for safety

Superior quality, reliability, and innovative custom designs make the PV-AD Shelter the ideal solution for your agency's shelter advertising demand.



# BENEFITS

## Community experience & safety

- Builds rider confidence and increases ridership by creating a positive transit experience
- Deters crime
- Increases bus shelter visibility

## Reduced costs & increased efficiency

- Saves you from paying monthly utility bills with its one-time capital cost
- Reduces your installation cost with no need for trenching
- Saves you from needing scheduled maintenance for up to five years
- Has an LED operating life span of 100,000 hours to 80% lumen maintenance

## Enhanced advertising visibility

- Boosts visibility from a distance with its back-lit advertising lighting
- Enhances advertisers' green efforts with its innovative eco-friendly message

# SPECIFICATIONS

## AD Lighting

Illumination technology:	High brightness, white LED
Illumination level:	30 ft-cd at Ad Face
Output color:	5500-6500K
Operational lifetime:	100,000 hours to 80% brightness
Operating temperature:	-30 to 80°C (-22 to 176°F)

## Energy Control Module\*

Operating voltage:	0 to 30V
Input current:	0 to 40A
Output current:	0 to 750mA
Operating temperature:	-30 to 80°C (-22 to 176°F)
Low voltage disconnect:	Yes
Lighting profiles:	Automatic and custom

## Solar

Solar module technology:	Poly-crystalline photovoltaic
Module size:	80W, 120W, 160W, 240W, 480W
Operating temperature:	-30 to 80°C (-22 to 176°F)

## Battery

Technology:	Maintenance-free, AGM, lead acid
Autonomy:	5-10 days (typical)
Operating voltage:	12V, 24V
Operating temperature:	-30 to 80°C (-22 to 176°F)

Specifications are subject to change without notice and are intended as general guidelines.

Detailed specifications are based on site-specific weather conditions and system design variables.

\*Patent pending.

\*\* All systems can be adapted for grid tied 120V connections. Connection to external photocell or controller may be required\*\*



**Made in the USA.**



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