

PV-Stop

Reliable Solar Lighting Solutions



The PV-Stop is the world's most powerful and reliable solar powered LED bus stop lighting system. It delivers safe and environmentally friendly lighting and is designed specifically for the transit industry.

PV-Stop systems easily mount to new or existing bus stop flag poles, 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-Stop the ideal solution for your agency's bus stop lighting demand.



BENEFITS

Rider experience & safety

- Builds rider confidence and increases ridership by providing a positive transit experience
- Deters crime
- Reduces rider pass-by; the number one complaint reported by most transit agencies

Reduced costs & increased efficiency

- Installs quickly
- Saves you from paying monthly utility bills with its one-time capital cost
- Reduces your installation cost with no need for trenching

Clean, energy efficient illumination

- Reduces greenhouse gas emissions
- Positions community as an innovative leader
- Provides intelligent power management

SPECIFICATIONS

Lighting

■ Illumination technology:	High brightness, white LED
■ Illumination level:	1.0-5.0 ft-cd peak 8' from source
■ Illumination footprint:	6 ft diameter circular
■ 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:	On-demand, BrightUp-dusk until dawn, automatic - split night (configurable)

Solar

■ Solar module technology:	Poly-crystalline photovoltaic
■ Module size:	5W, 10W
■ Operating temperature:	-30 to 80°C (-22 to 176°F)

Battery

■ Technology:	Maintenance-free, AGM, lead acid
■ Autonomy:	3-10 days (typical)
■ Capacity:	8-16Ah
■ Operating voltage:	12V
■ 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.



Made in the USA.



Urban Solar, 1880 SW Merlo Dr, Beaverton, OR, 97003, USA (T) 503-356-5516
Urban Solar, 5-515 Dupplin Rd, Victoria, BC, V8Z 1C2, Canada (T) 778-430-5516
www.urbansolarcorp.com