



Connecting communities through solar technology.

Tolar Manufacturing Company leverages its 30+ years of experience and forward-thinking functional design capabilities to continually develop new ways to connect passengers with buses. Solar solutions often power these efforts.

Working closely with Urban Solar Corporation, an industry leader in the development of public transit solar solutions, Tolar Manufacturing develops seamless solutions for your transit solar power needs. The combined experience of the Tolar and Urban Solar engineering teams, working with the latest industry software, results in jointly designed location and street furniture specific solutions to meet and exceed your expectations for system reliability, light level intensity and design. Our purpose-driven engineered systems provide cost-effective, integrated, solar power for a wide variety of passenger amenities.

NOT ALL SOLAR IS CREATED EQUAL

Public transit shelter and outdoor advertising markets in urban environments demand specific street footprints. Our solar lighting systems incorporate 10-year minimum NASA solar data for custom scaling of your specific geographical location. Coupled with our proactive autonomous smart controller, the result is a customized, UL-listed solution tailored to the very specific requirements for your bus stop shelter, BRT station, and other outdoor furniture projects.

SOLAR POWERS MORE THAN LIGHTING

- Real-time signage
- Digital displays
- USB charging stations
- Free-standing kiosks
- Remote monitoring
- Two-way communication

KEY FEATURES:

-  Industry leading light levels, with cutting edge LED and power management technology.
 -  UL-listed systems for safety and reliability (with UL certification for the system, not just the components).
-  Modular, vandal-resistant design.
 -  Incorporates historical NASA data to maximize performance.
-  Five-day minimum back-up (autonomy).
 -  Options available to power USB ports and real-time signage.
-  Powder-coated metal components to match transit shelters.
 -  Proprietary, high-illumination, low-draw solar lighting system for free-standing, multi-sided kiosks.
-  Custom-branded design solutions for transit shelters, BRT stations and bus stops.
 -  Easy installation with technical support available for assistance.
-  Fully "Buy America" compliant.

SOLAR SOLUTIONS ON THE STREETS
SOLAR-LIT SHELTERS WITH AND WITHOUT ADVERTISING

ON THE STREETS ACROSS AMERICA
(size and design examples)



SAN DIEGO, CA
Solar-powered lighting provides passenger safety and security during night travel. Dusk-to-dawn, LED under roof illumination and along architectural strip provides 10 hours of media display illumination in this 17-ft Signature Sunset shelter.



RENO, NV
Environmental-friendly solar power means no costly utility trenching, meters, or utility bills that comes with conventionally powered shelters. 12-ft Signature Sunset shelter with dusk-to-dawn, UL-listed solar LED illumination streaming from the roof.

AUSTIN, TX
With bright white LED lighting, loitering is discouraged and transit operators are better able to identify waiting passengers during late night service. Two, 8W solar-powered strips provide dusk-to-dawn lighting under this custom Signature series 14-ft shelter.



SAN BERNARDINO, CA
Real-time information powered with cost-effective, reliable solar power. 17-ft Signature Custom SmartPlace™ shelter sports a custom radius roof that incorporates solar power to provide real-time information.



WASHINGTON, D.C.
Shelters with solar lighting are most commonly designed to illuminate from the roof down, providing the utmost in passenger safety. Signature Empire shelter with 3/8-in bronze polycarbonate roof panels housing dusk-to-dawn LED solar illumination.



SAN MATEO, CA
Shining a light on revenue-generating advertising provides advertiser satisfaction. Dusk-to-dawn LED roof illumination with six hours of lighting in the advertising kiosk.

SANTA ANA, CA
SmartPlace™ shelters feature many advanced technologies, often powered by solar solutions. 12-ft Signature Sunset shelter with radius roof, 1/8-in aluminum roof panels secured with gasketed pressure ribs for a water tight seal. Solar LED illumination in the advertising display kiosk and under roof, and city branding create high visibility.



NASHVILLE, TN
EcoSeat is a complete stand-alone bus stop solution. EcoSeat provides passenger seating and solar security lighting in an all-in-one bus stop solution. In the same space as a standard pole stop, the EcoSeat provides comfortable seating along with the PV Stop Plus 20W solar bus stop lighting solution or the PV Stop Max 42W solar bus stop lighting solution and easily incorporates e-ink real-time information sign (shown).



These styles are representative of product options within this series. Scan the QR code or visit www.tolarmfg.com for additional ideas, options and specifications.



ANYWHERE, USA!
Our newest solar solution, PV Stop Plus, provides added security in a small footprint. PV Stop Plus is a bus stop security lighting solution featuring a 20W solar panel and lithium-ion battery. Offering optional on-demand operation and real-time information, signage such as e-ink and other low draw passenger amenities including USB storage, security lighting and more.

