

SOLSTOP®

SOLAR-POWERED BUS STOP
LIGHTPOST



SOLSTOP®

The SolStop® is an ideal solution for bus stop locations without shelters or adequate security lighting. It provides push button activated security lighting through renewable solar energy with minimal maintenance required. Accessories include pole mounted information displays, digital bus stop (DBS), bench (attached or detached), bike rack, and trash receptacle.

Brasco has provided solar-powered lighting systems for over 20 years and offers tailored, ready-to-install packages to suit any location. It offers a slender design that can be ordered as a complete unit with the pole or attached to an existing transit pole.

Brasco's SolStop® is made in the USA and one of the highest performing bus stop lights available. Expect a pre-wired and pre-assembled unit of exceptional quality and unparalleled off-the-grid performance.



Standard Specifications

SOLAR POWER

- Photovoltaic Panel: High Efficiency Multi-crystalline Photovoltaic Module
- Operating Temperature: -30° to 50° C (-22° to 122° F)
- Module Size: 20 Watt
- Maximum Operating Voltage: 17V
- Maximum Operating Current: 12V

LIGHTING

- LED Technology: Cool Tone White Light with High Brightness
- Operating Temperature: 30° to 50° C (-22° to 122° F)
- Illumination Level: 20+ Foot Candles Peak, 9.0' from source
- Output Color: 5500K
- Operational Lifetime: Minimum 50,000 Hours

MECHANICAL & BATTERY

- Existing Pole Acceptance: 1.75", 2", 2.5", 3"
 - *Square pole*
 - *Custom attachments available*
- Brasco Pole Height: 9', 10', 12'
- Brasco Pole Dimensions: 3" x 3" x 1/4"
- Light Module Dimensions: 12"H x 18"L x 12"W
- Maximum Operating Voltage: 18V
- Maximum Operating Current: 12V

Why Brasco's SolStop®?

SOLSTOP™ HIGHLIGHTS

- Factory Pre-wired and Pre-assembled
- Order with or without pole
- Easily branded with powder coat colors
- ADA compliant push button activation

IMPROVED SAFETY & EXPERIENCE

- Delivers safety and improves ridership confidence
- Transit stop lighting is a crime deterrent
- Reduces ridership pass-bys
- Positions transit agency as green energy leader
- Better illuminates pole-mounted wayfinding

REDUCED OPERATING COSTS

- One-time expense, no monthly utility bills
- No trenching needed; reduces installation cost
- 50,000 hour LED operating life span

CHARGE CONTROL MODULE

- Monitors charging & discharging of battery.
- Factory programmed for optimal illumination increments.
- Operating Temperature: -30° to 50° C (-22° to 122° F)
- Operating Voltage: 0 to 30 V
- Input Current: 0 to 45A
- Output Current: 0 to 75mA
- Low Voltage Disconnect: Yes
- Lighting Control: Automatic or On Demand

FINISHING OPTIONS

Standard Powder Coat

ACCESSORIES

- White & Black "Press for Light" Sign
- *Vinyl is standard*
- *Acrylic with Braille is an option*
- Digital Bus Stop (DBS)
- Display Case
- Bench
- Bike Rack
- Trash Receptacle

SOLSTOP®

WARRANTIES



Brasco has designed, fabricated and sold solar powered lighting systems for more than 20 years. Our solar lighting customers are located across the United States and Canada.

Our team engineers and manufactures all solar lighting packages in-house using UL Listed LED lights and solar panels and UL Recognized batteries for the highest level of safety and performance. Our lighting packages can either be retrofitted onto existing structures or integrated into new orders.

We offer both standard solar lighting systems as well as tailored systems, all made in the USA and Buy America compliant. We provide a variety of package configurations for both in-shelter lighting systems as well as free-standing autonomous solutions.

For environments without shelters, we offer the SolStop® which provides solar-powered LED lighting at the push of a button (shown at right).

Below: SolStop® with 20 watt photovoltaic panel on standard 3" square pole, powder coated in Grey Aluminum. Shown with optional front mounted schedule holder.



Standard Warranties

PHOTOVOLTAIC PANELS

2 Years

MOUNTING HARDWARE

3 Years

LED LIGHT FICTION & LIGHT ENGINE

3 Years

WIRE HARNESSES & CONNECTORS

3 Years

SOLAR CHARGE CONTROLLER

3 Years

SOLAR BATTERIES

3 Year Proration

- 0-12 months: 100%
- 13-24 months: 50%
- 25-36 months: 25% refunded / applied

POWDER COAT FINISH

2 Years

SOLSTOP POLE & LIGHT HOUSING

3 Years