



BK10 Solar Bus Stop Lighting (Complete System)



Bus stop flag/signage
and pole not included



- This compact, custom/semi-custom lighting system is designed to install onto most new or existing bus stop sign posts and transit flag poles.
- Sold as a complete, stand-alone, self-contained, solar powered lighting system with all components necessary for a typical installation.
- This system can be designed, engineered, and pre-programmed to automatically operate from dusk to dawn all year round. Or it can be programmed to operate for a single or dual timed modes instead. Dimming and motion detection are optionally available.
- Choice of LED light fixture with several versions available.
- Light output can be between 1W and 10W LED power (100 to 1,500 lumens).
- Choice of LED color temperature (CCT) e.g. 3,000k warm white, 5,000k daylight white, or 6,000k cool white. Other CCT options by special order.
- The solar panel size (wattage) and battery size (capacity) is based on the total LED power, geographic location of the site, and the hours or times of nightly operation.
- Smart (Bluetooth) controller and remote (WiFi/Cellular) access options available upon request.
- Typically designed for round posts and poles. Optional hardware for square posts and slotted channel is available by special order.
- Supplied with pole mount lockable battery enclosure, adjustable solar panel pole mount, and hardware to attach the light fixture to a post or pole.

*SUBJECT TO OUR TERMS & CONDITIONS, AND RETURNS POLICY

Lowest Price*
Guarantee

Worldwide*
Shipping

10 Year*
System Warranty

20 Year*
Panel Warranty

Lifetime*
Tech Support

9120 Centerlinks Commerce Drive • Unit 3 • Fort Myers • Florida • 33912 • USA • Telephone: 239-461-5522

MONDAY - FRIDAY 8:00AM - 8:00PM (US EASTERN TIME)

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Solar Makes Sense

Using a solar lighting system is often **cheaper than trenching** cables to remote sites or through parking lots, under roads and sidewalks.



No monthly bills for electric usage, meter fees, or taxes.

Federal and local incentives may be available to offset the cost of the system. View our website for current incentives.



Renewable energy. Use the sun's unlimited power as a clean source of renewable energy.

Green Image. Let people know your company or organization is doing its part in reducing its reliance on unclean energy.



Purchase with Confidence



Established in 2002 with offices and warehouse located in Fort Myers, Florida where we store, assemble, ship, and support our products.



We stand behind our systems with a 20 year limited warranty on the solar panels, and a 10 year limited warranty on the system.



Our superior customer service and support is proven with our A+ rating with the Better Business Bureau.



Technical support is available for life! We'll be here to assist you with support and troubleshooting if the need arises.

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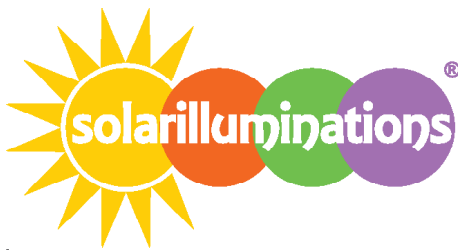
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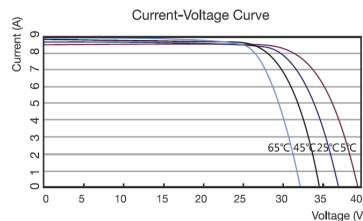
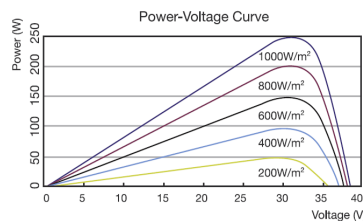
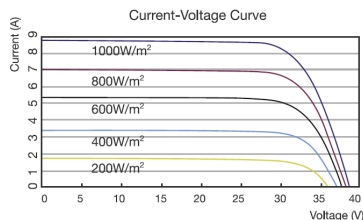


Solar Panel

Systems are supplied with high quality monocrystalline or polycrystalline solar panels with the highest performance and efficiency. They are designed to endure the harshest environments, and are guaranteed to provide power for well over 25 years. Typically manufactured in the USA, Canada, or Germany. The solar panel size (wattage) is subject to LED power, installation location, and illumination duration. Please consult with our engineers for specific solar panel sizing and power recommendations.

Photovoltaic Module

- Highly efficient monocrystalline or polycrystalline solar panel with aluminum frame, anti-aging, and encapsulated membrane.
- Anti-reflective and anti-soiling surface that reduces power losses from dirt and dust.
- Certified to withstand high wind loads (340PSI) and snow loads (780PSI); and resistance to high salt and ammonia.
- Manufactured to international standards, verified and certified by independent testing laboratories. UL, ETL, IEC, MCS, & TUV approved panels available upon request.
- Assembled to strict quality control standards; international standards ISO 9001 and ISO 14001.
- Range of solar panel power available from 10W to 100W.
- The solar panel power is subject to LED consumption, installation location, and illumination period. Please consult our engineers for specific solar power requirements.
- Typical solar panel life is over 30 years, subject to environmental factors.
- 10W panel dimensions approx. 14" x 11.62" x 1"
- 14W panel dimensions approx. 14" x 14.25" x 1"
- 25W panel dimensions approx. 13.8" x 22.6" x 1"
- 65W panel dimensions approx. 34.3" x 18.4" x 1.4"
- 85W panel dimensions approx. 34.3" x 26.4" x 1.4"
- 100W panel dimensions approx. 40.4" x 26.4" x 1.4"



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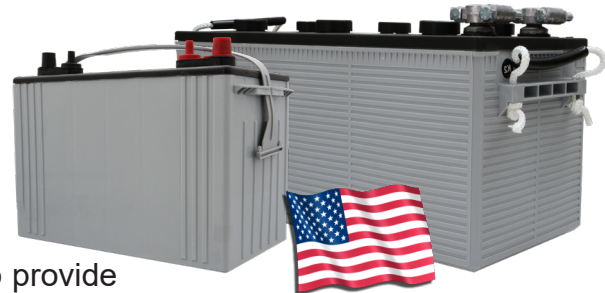
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"EastPenn batteries are engineered and tested to provide reliable, long-lasting power for Photovoltaic (PV) and renewable energy applications where frequent deep cycles are required and minimum maintenance is desirable."

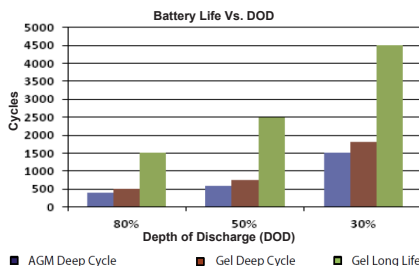
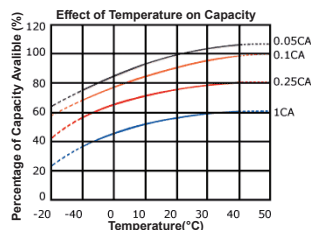


Made in the USA



Battery

- Manufactured by: East Penn Manufacturing Co. Inc.
- 100% made in the USA.
- Available battery capacities range from 9Ah to 55Ah (per battery).
- Choice of two battery types: AGM, Gel, or lithium.
- Please consult our engineers for specific battery capacity requirements.
- Classified as Non-spillable (defined by DOT, ICAO and IATA), NonHAZMAT, and valve regulate.
- Conforms to ISO9001, ISO/TS 16949, and ISO14001 standards.
- Typical battery life is approximately 5 to 7 years, subject to environmental factors.



VRLA Technology

VRLA batteries are maintenance free for life. VRLA stands for Valve Regulated Lead Acid, which means the batteries are sealed. Gas will only escape through the safety valves in the case of overcharging or cell failure.

AGM and Gel batteries have exceptional discharge recovery, even after deep or prolonged discharge. However, it should be noted that repetitive deep discharge and prolonged deep discharge have a negative influence on the service life of all lead acid batteries.

Gel batteries in general have a longer service life and better cycle capacity than AGM batteries.

Please Note: The rated capacity of our AGM or gel deep cycle batteries refer to 20 hour discharge rate (i.e. 0.05CA). Most products actually operate near, or at a 100 hour discharge rate (i.e. 0.01CA) and thus actual available battery capacity is slightly higher than the advertised rate.

The total available battery power is measured in watt-hour (Wh) or V*Ah. When comparing our total battery capacity with competitor's, please note that the battery capacity from a 12V system is not interchangeable with the battery capacity of a 24V system. However, the total battery power (i.e. watt-hours) is always comparable provided the correct system voltage is considered during calculation.



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