Pole Mounted Solar Powered LED Lighting Systems

*Pole mount available with NST Models SLS(Street), APS(Area/Parking), FLS (Flood)

Applications

- Streets/Roadway Lighting
- Parking Lot Lighting
- Military Base/FOB Lighting
- Check Point Lighting
- Perimeter Lighting
- General Area/Security Lighting
- Wood Utility Pole Mounting

Standard Features

- Maintenance Free Sealed AGM Batteries
- Dusk Until Dawn Operation
- Various RAL Colors Available
- 25 Year Sliding Scale Solar Panel Power Warranty
- 5 Year Controller Warranty
- 5 Year LED Fixture Warranty
- 2 Year Limited Battery Warranty

Benefits

- No Trenching For Power Cables
- No Utility Bills
- Not Affected By Power Outages

Model SLS

*Systems of various fixture wattages and solar power system sizes available based on the customer site and customer requirements.

Model APS

Pole Mounted Street/Area/Flood Lighting- Metal Pole Mounting Options

LED Technology

- Long Life LEDs up to 150,000 Hours of Operation
- Highest Efficiency Lumens Per Watt LED Light Fixture Technology
- Available Fixtures Types- Streetlight, Area Light, Floodlight
- Standard Wattages Available From 25 Watts to 50 Watts / 24VDC
- Fixture Lumen Output of 2000 Lumens to 4000+ Lumens
- Light Color Temperature Standard: Cool White 5700K or Warm White 4000K
- Minimum 70CRI Color Rendition

Power Center Enclosure

- Vented Aluminum Enclosure- Standard Mill Finish or Powder Coat

Solar Panels

- Solar Panel Wattage Engineered For Installation Location Based on Solar Radiation Data, Light Fixture Wattage and Light Run Time Operation Per Night

Batteries

- Battery Capacity Determined by Fixture Wattage, Run Time Per Night and System Location. Heavy Duty Internal Plate Design Sealed AGM Battery Technology, Typical 5 Day Minimum Battery Capacity

System Controls

- Solar Battery Charging with Lighting Load Regulation and Circuit Protection Pre-Engineered Into Every System

Model FLS

National Solar Technologies
(Div. of National Mfg. & Dist., Inc.)
166 Taylor Rd. Buffalo, NY 14043
Ph: (800) 310-7413 or (716) 683-2505
Fax: (716) 683-8655
Web: www.NSTSOLAR.com

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Standard LED Luminaire Options (Fixture Types Are Subject to Change)

Options

- **Fixture Mast Arms**
  - FMA-4 (4 ft. arm), FMA-6 (6 ft. arm), FMA-8 (8 ft. arm)

- **BHA-1**
  - Bullhorn Style Floodlight Bracket

- **Poles**
  - POLE-15 (15 ft light pole), POLE-20 (20 ft. light pole), POLE-24 (24 ft light pole), POLE-30 (30 ft. light pole)

Standard System Finish Options

- Dark Bronze
- Light Gray
- White

Some of our Notable Customers Include:

![US Army Corps of Engineers](image1)

![New York State Office of Parks, Recreation & Historic Preservation](image2)

![U.S. Department of the Interior](image3)

![U.S. Department of Homeland Security](image4)