

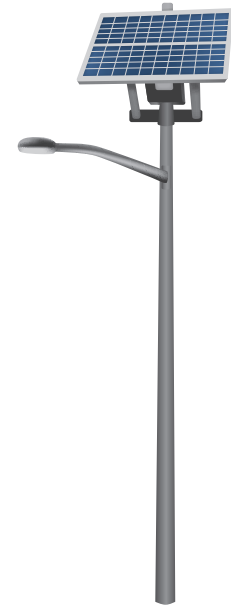


PROFESSIONAL. RELIABLE. INNOVATIVE.

NATIONAL SOLAR
TECHNOLOGIES

POLE MOUNTED SOLAR POWERED LED LIGHTING SYSTEMS

We have pole mounts available in street models (SLS), area/parking (APS), flood (FLS) and dual fixtures (GH240). NST can assist you in determining what system will work best for your power needs.



APPLICATIONS

- Street lighting
- Parking lot lighting
- Military base/FOB lighting
- Checkpoint lighting
- Perimeter lighting
- General area security lighting
- Wooded utility pole mounting

STANDARD FEATURES

- Maintenance-free sealed AGM batteries
- Dusk to 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

POWER CENTER ENCLOSURE

- Vented aluminum enclosure with standard mill or powder coat finish

SOLAR PANELS

- Wattage engineered for installation location based on solar radiation data, light fixture wattage and light run time operation per night

LED TECHNOLOGY

- Up to 150,000 hours of operation (LM70)
- High-efficiency lumens per watt technology
- Streetlight, area light and flood light fixtures available
- Standard wattages available from 25 watts to 50 watts / 24VDC
- Standard LED fixture lumen output of 2000+ lumens to 4000+ lumens
- Standard light color temperature with Cool White 5700K or warm white 4000K
- Minimum 70CRI color rendition

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 regulations and circuit protection pre-engineered into every system