

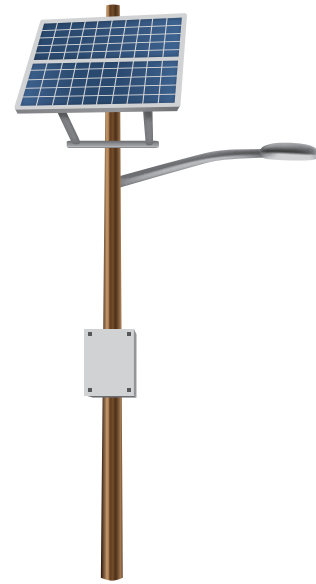


PROFESSIONAL. RELIABLE. INNOVATIVE.

NATIONAL SOLAR
TECHNOLOGIES

WOOD UTILITY POLE MOUNTED SOLAR POWERED LIGHTING SYSTEMS

Wood utility pole mounting available with NST Models
SLS, APS and FLS solar powered lighting systems.



APPLICATIONS

- Streets/Roadway lighting
- Parking lot lighting
- Military bases
- Fence line lighting
- Perimeter lighting

STANDARD FEATURES

- Maintenance-free sealed AGM batteries
- Automatic dusk until dawn light operation
- Various RAL colors available
- 25 year sliding scale solar panel warranty
- 2 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
- No special skills required to install or operate

OPTIONS

- Manual ON/OFF switch or wireless ON/OFF

POWER CENTER ENCLOSURE

- Vented aluminum enclosure .090" thk with lockable door
- Can be installed at the base or middle of the pole

LED TECHNOLOGY

- Long life LEDs up to 150,000 hours of operations (20+ years)
- High-efficiency LED light fixture technology
- Available fixtures types: streetlight, area light and floodlight
- Fixture wattage available from 26 Watts to 60 Watts / 12VDC
- Fixture lumen output of 1800 lumens to 4000+ lumens (LM70)
- Light color temperature white 6000K
- Minimum 70CRI color rendition

SOLAR PANELS

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

BATTERIES

- Heavy duty internal plate design sealed AGM battery technology
- Typical 5-day battery capacity

SYSTEM CONTROLS

- Solar battery charging with lighting load regulation and circuit protection included