



PROFESSIONAL. RELIABLE. INNOVATIVE.

NATIONAL SOLAR
TECHNOLOGIES

BUS STOP POWER LIGHTING SYSTEMS

NST can assist you in determining what system will work best for your power needs.



APPLICATIONS

- Rural bus stops
- Commuter train station stops
- School and college bus stops
- Shuttle stops
- Water taxi stops

STANDARD FEATURES

- High-efficiency LED downlight
- Maintenance-free sealed AGM batteries
- Various RAL colors available
- 25 year sliding scale solar panel power warranty
- 5 year system controls 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
- Safe, low voltage DC power

OPTIONS AVAILABLE

- On-demand push button light activation
- Options for run time per push button activation
- Automatic timed ON/OFF light activation
- Non-glass, vandal resistant solar panel

LED TECHNOLOGY

- Up to 150,000 hours of operation
- High-efficiency lumens per watt LED light fixture technology
- LED fixture wattage available from 15 watts to 25 watts / 12VDC
- Typical fixture lumen outputs of 1,000 lumens to 2,200 lumens
- Standard light color temperature with cool white 5700K or warm white 4000K
- Minimum 70CRI color rendition

POWER CENTER ENCLOSURE

- Vented aluminum enclosure with a lockable door (optional colors)

SOLAR PANEL

- Solar panel wattage engineered for installation location based on solar radiation data, light fixture wattage and light 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