

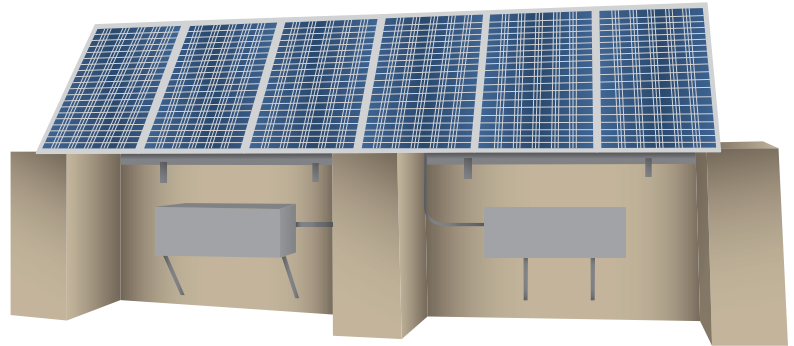


PROFESSIONAL. RELIABLE. INNOVATIVE.

**NATIONAL SOLAR**  
TECHNOLOGIES

# BUILDING STRUCTURE PERIMETER SOLAR POWERED LIGHTING SYSTEMS

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



## APPLICATIONS

- Remote buildings/structures
- DOT/commercial salt sheds
- Cold storage buildings
- Covered walkways
- Building/Structure perimeter LED lighting requirements

## STANDARD FEATURES

- Power capacity and output voltages are engineered for your requirements
- AC/DC or AC only/DC only power output systems available
- LED area/flood light fixtures to meet your lighting requirements
- High-efficiency solar panels
- Sealed, non-spillable AGM batteries for power storage
- 25 year sliding scale solar panel power warranty
- 5 year electronics warranty
- 2 year limited battery warranty

## BENEFITS

- No trenching for power cables
- Reduce or eliminate the use of gas/diesel generators
- No harmful exhaust leaving zero carbon footprint
- No routine maintenance required
- No special skills required to operate

## LED FIXTURES

- LED perimeter, exterior and interior building lighting
- Motion sensor activation
- Automatic dusk to dawn or light switch activation options available

## ELECTRIC POWER OUTPUT

- DC and AC power options
- Electrical outlets and hardwire capability to load

## SOLAR PANELS

- High-efficiency rigid solar panels with locking connectors
- Building roof-mounted, side of building mounted or ground mount solar power unit available

## BATTERIES

- Heavy-duty internal plate design
- Sealed AGM battery technology
- Rough use design
- Vented, power center enclosure with lockable door

## SYSTEM CONTROLS/POWER CONVERSION DEVICES

- Designed for maintenance-free options
- Wide operating temperature range of -40°C to 60°C
- Circuit breaker protection