

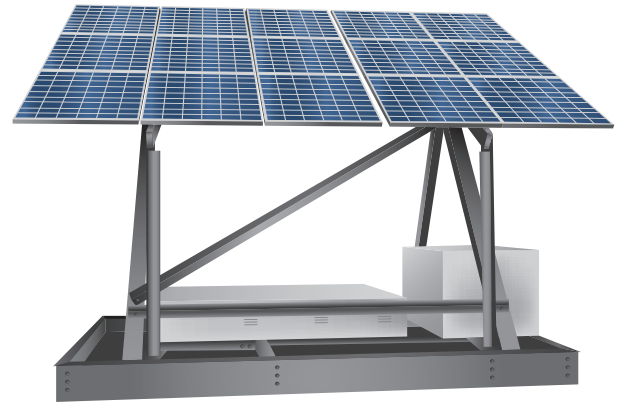


PROFESSIONAL. RELIABLE. INNOVATIVE.

NATIONAL SOLAR
TECHNOLOGIES

TELECOM/TOWER SITE SOLAR POWER SOURCES

We offer various system sizes and power output voltages based on your power needs. We also have hybrid options available for solar, wind and generators.



APPLICATIONS

- Border surveillance/camera tower sites
- Telecom sites
- Repeater sites
- General remote site power
- Large power requirement sites

STANDARD FEATURES

- Power capacity and output voltage(s) are engineered for your requirements
- Available in AC and DC output voltages or a combination of both
- Heavy duty construction—engineered for rough use environments
- System is designed for easy field assembly
- 25 year sliding scale solar panel power warranty
- 5 year solar controller/power inverter warranty
- 2 year limited battery warranty

BENEFITS

- NST will engineer your system based on your power requirements
- Reduce or eliminate the use of gas/diesel generators at sites
- No grid power required at sites
- When grid power goes out, your site still operates
- No routine maintenance required
- No special skills required to operate

HYBRID POWER PRODUCTION OPTIONS

- Wind turbine options
- Fuel cell and propane generator options

SYSTEM STRUCTURE ENCLOSURES

- Galvanized steel structure frame, self-ballast system design means saving time and money on concrete pads
- Heavy duty steel enclosures with galvanized primer and powder coated exterior finish
- Ventilation via filtered louvers for all enclosures for air flow
- Power unit enclosure fitted with a thermostat controlled exhaust fan unit for increased electronics efficiency and life

SOLAR PANELS

- High-efficiency rigid solar panels with locking connectors
- Anti-glare, impact resistant tempered glass front and Anodized aluminum frame

BATTERIES

- Heavy duty internal plate design, sealed AGM battery technology, rough use design
- Engineered for high and low temperature conditions

SYSTEM CONTROLS/POWER CONVERSION DEVICES/MONITORING

- Designed for rough use environments
- Wide operating temperature range of -40°C to 60°C
- Circuit breaker protection
- Convenience AC outlet options
- Remote site monitoring—power system and loads