



Skid Mounted Off-Grid Solar Electric Power

Applications

- Remote and temporary sites
- Military bases, FOBs, checkpoints
- Construction sites
- Emergency Power
- Outdoor events
- Anywhere you need power

Standard Features

- Quiet operation
- Power capacity and output voltage(s) are engineered for your requirements. NST can assist you with determining what system will work best for your application.
- Available with both AC and DC voltage outputs
- Pure sine wave AC power output is standard
- Battery voltage ranges available 12-48VDC
- Maximum Power Point Tracking (MPPT) battery charging
- High efficiency monocrystalline solar modules
- Sealed absorbed glass mat (AGM) maintenance free deep cycle batteries for solar energy storage. Gel batteries are available if specified.
- Heavy duty construction, engineered for rough use austere environments
- Aluminum or galvanized steel construction
- 25-year solar panel power output warranty
- 5-year system warranty
- Lifetime product support

Benefits of Solar

- Reduce or eliminate the use of fossil fuel
- No noise, completely quiet operation
- No harmful exhaust, zero carbon footprint
- No routine maintenance
- No special skills required to operate

Solar Module Technology

- Monocrystalline technology
- Up to 22% efficiency
- Anti-glare coating
- Wind, hail, and twist tested for ruggedness



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Standard Battery Technology

- Sealed, maintenance free AGM
- Heavy duty internal battery plate design
- Non-spillable, registered as non-hazardous for ground, air, and sea shipping/transport.

System Enclosures

- Lockable enclosures
- Special finish for low solar gain to keep system electronics and batteries at a lower temperature

Built-In System Protections

- Circuit breaker protection for solar charging, batteries, and floodlight luminaires
- Protection for solar array overload, short circuit, and high voltage.
- Battery high temperature protection
- Lightning and transient surge protection
- Reverse current protection at night

System Quality and Integrity

- Quality assurance standards adhered to throughout the manufacturing, assembly, and testing process
- Each system is 100% factory tested
- Tool-less setup
- 25 year limited solar panel power warranty
- 5-year electronics warranty / 2-year battery warranty

Options and Customizations

- Backup battery charger for connection to AC grid or AC generator power
- Back-up diesel generator with auto start
- Back-up gas generator with auto start
- Back-up LP generator with auto start
- Lithium battery option available



Configurations & Sales

- There are many configurations available. Please contact NST for your model number based on the configuration required for your application.
- Contact NST for additional assistance and to specify the correct system for your project.

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