



PROFESSIONAL. RELIABLE. INNOVATIVE.

NATIONAL SOLAR
TECHNOLOGIES

TWO-MAN TRANSPORTABLE SOLAR POWER SOURCE (TMT)

We have various power output voltages based on your specific requirements. NST can assist you in determining what system will work best for your power needs.



APPLICATIONS

- Remote power
- Communications site
- Tactical/forward operating base/patrol base power
- Remote surveillance equipment power
- Oil and gas telemetry site

STANDARD FEATURES

- AC/DC or AC only/DC only power output systems available
- Standard 120VAC outlets with 5VDC/3A USB ports, and binding posts for 24VDC output
- Optional generator input receptacle for generator or solar hybrid operation
- Includes padded cases for solar panels, mounting platform/brackets and cable harnesses
- System solar and battery capacity is field expandable up to 6+ units
- Tool-less assembly with captive-corded hardware
- Plug and play design
- Self-ballasted high wind speed design
- 25 year sliding scale solar panel power warranty
- 5 year solar controller/power inverter warranty
- 2 year limited battery warranty

SOLAR PANEL FEATURES

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

BENEFITS

- Reduces or eliminates the use of gas or diesel generators
- Noise-free operation
- No harmful exhaust leaving zero carbon footprint
- No routine maintenance required
- No heavy equipment needed for set up
- Easy to operate with no special skills required

SYSTEM PLATFORM FOR BRACKETS AND ENCLOSURES

- Welded aluminum construction and powder coated finish
- Ventilation via filtered louvers for all enclosures for airflow, heat dissipation and reduced solar grain
- Corrosion resistant materials and finishes

BATTERIES

- Heavy-duty internal late design
- Sealed AGM battery technology
- Rough use design
- Battery hold down straps safely secure batteries inside the systems power center enclosure

SYSTEM CONTROLS/POWER CONVERSION DEVICES

- Designed for rough environment use
- Wide operating temperature range of -40°C to 60°C
- Circuit breaker protection