



NATIONAL SOLAR
TECHNOLOGIES

Two-man Transportable Solar Electric Power Source

Standard Features

- Standard 120VAC outlets with 5VDC /3A USB ports, and binding posts for 24VDC output.
- Tool-Less assembly/Captive corded hardware
- Plug and Play design
- Mounting frame material is lightweight aluminum
- Self- ballasted design
- Padded cases for solar modules, mounting platform/brackets, and cable kit.
- Best in class solar electric power generation unit.
- Maintenance-free, AGM energy storage.
- Finish is desert sand, other finishes available
- 25-year solar module power warranty
- 5-year system electronics warranty
- 2-year battery warranty
- Lifetime product support

System Power Output

- AC/DC or AC only/DC only power output
- Power capacity and output voltage(s) are engineered based on customer requirements
- Available with AC and or multiple DC voltage outputs
- System is field expandable, connect up to 6+ units together (Contact NST for details).

Solar Modules

- High-efficiency, monocrystalline solar modules
- Solar module power rating is engineered for the installation location based on solar radiation data, load wattage/amperage, and load run-time per day.
- NST uses data gathered by NASA for thousands of locations around the world which allows for pin-point accuracy when engineering/sizing our off-grid solar electric power sources.

Energy Storage

- Standard batteries used in NST off-grid solar electric power sources are heavy-duty internal plate design, sealed, deep cycle, AGM battery technology.
- Lithium battery options are available

Solar Module Technology

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

Benefits

- No fossil fuels required
- Quiet, no noise operation
- No exhaust fumes
- Easy to operate with no routine maintenance needed

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Options (Typically for System Expansion)

Item No. TMT-400-2B

- Two Man Transportable Solar Power Source, Complete Unit Less Power Center Enclosure, Includes solar modules set with padded case, mounting platform bracket kit with padded case, complete sealed AGM battery enclosure set (2), and system interconnection cable kit with padded bag.

Item No. TMT-400-BATT

- Two Man Transportable Solar Power Source, Single Battery Unit Only, includes single battery enclosure with batteries.

Item No. TMT-400-CK

- Two Man Transportable Solar Power Source, Cable Kit, Includes complete cable kit with padded carrying bag.

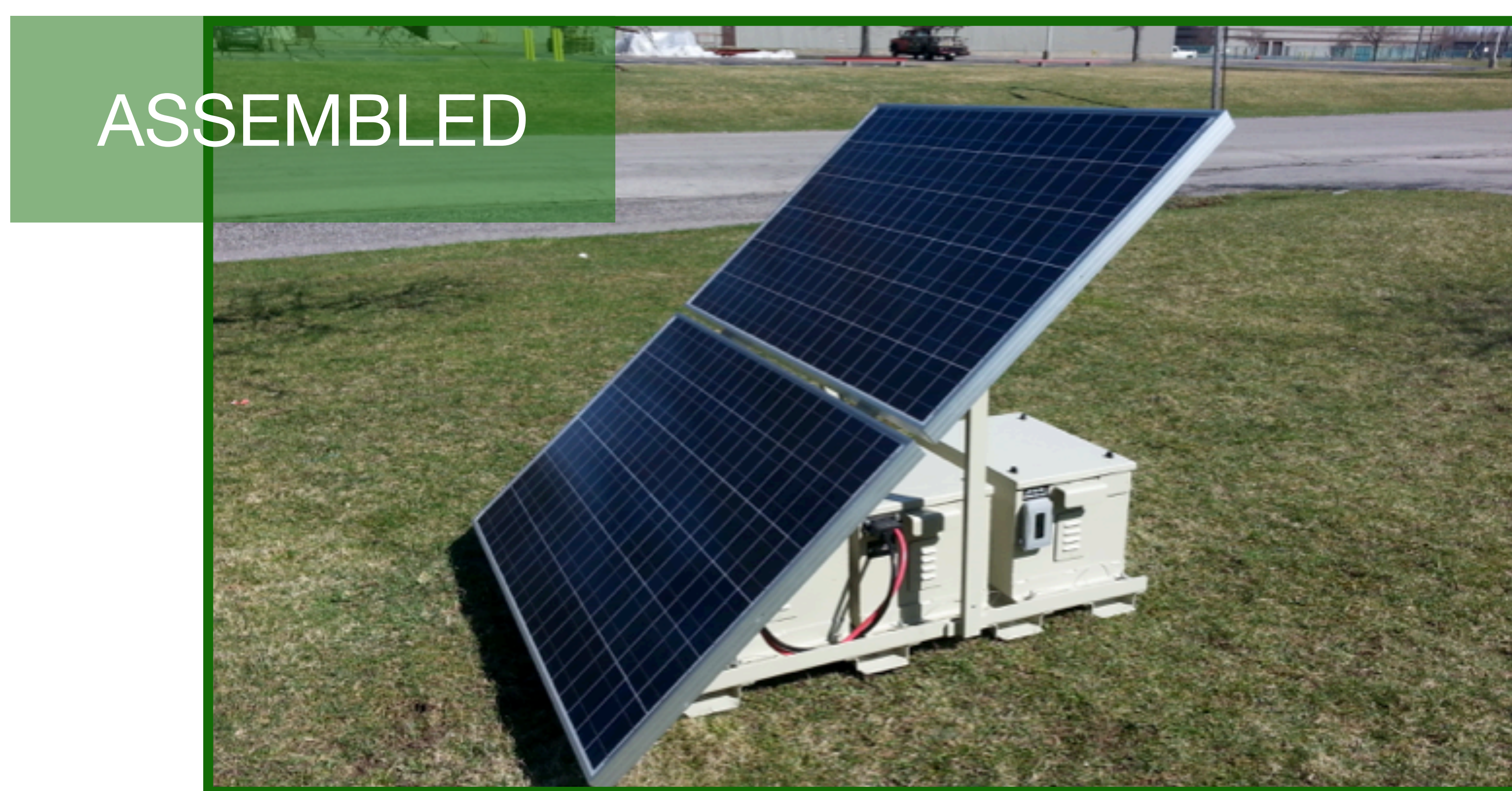
Item No. TMT-400-HUB

- Two Man Transportable Solar Power Source, Expansion Hub, Allows for the expansion of 3+, up to 6, Two Man Units to be combined into one larger system. Allows for the increase of solar charging capacity and battery capacity.

Contact Us

Contact NST for additional assistance and to specify the correct system for your project.

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