



**NATIONAL SOLAR**  
TECHNOLOGIES

## Two Man Transportable Off-Grid 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/ampereage, 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

### SYSTEM CONTROLS

- MPPT solar charging regulation
- Circuit breaker protection

### OPTIONS

- DC to DC converters for other DC voltage requirements
- Special power connection receptacles
- Generator input receptacle
- Non-Glass solar modules
- Wireless monitoring

System Disassembled



System Assembled



### NST STANDARD SYSTEM MODELS

- Two Man Transportable Solar Power Source, Complete Unit, 2500W/120VAC 60z & 600W/24VDC Output. Includes solar modules set with padded case, mounting platform bracket kit with padded case, complete sealed AGM battery enclosure set (2), complete power center enclosure, and system interconnection cable kit with padded bag.  
Item No. TMT-400-2B-24VDC-120VAC

### OPTIONS (TYPICALLY FOR SYSTEM EXPANSION)

- 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-400-2B
- Two Man Transportable Solar Power Source, Single Battery Unit Only, includes single battery enclosure with batteries.  
Item No. TMT-400-BATT
- Two Man Transportable Solar Power Source, Cable Kit, Includes complete cable kit with padded carrying bag.  
Item No. TMT-400-CK
- 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.  
Item No. TMT-400-HUB

**\*CONTACT US FOR OTHER MODELS & OPTIONS**

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