

# SPTT-4200

## SOLAR POWERED PORTABLE TOWER TRAILER

### EXCLUSIVE FEATURES

Extremely Versatile Platform Capable of Rapid Deployment and Sustained Remote Operation of:

- Temporary Communications Station
- Weather Monitoring, Measurement and Reporting Station
- Wi-Fi Hotspot
- Remote Camera and Video Surveillance Systems
- Acoustic Data Collection and Reporting Systems
- Phased-Array Radar Data Collection and Reporting Systems
- Extended Remote Security Systems
- ITS Sensors and Communications Equipment

Aluminum Three Stage Tower - interlocking stages for superior rigidity and stability for sensors

Powerful Tool for Image Data Collection - 42-foot tower height maximizes viewing angles

Truly Solar Powered - Continuous, uninterrupted operation - up to 100 Amp-Hours per day at 12VDC

Battery Pack - sixteen (16) low-maintenance batteries - 2,400 Amp-Hour reserve power

CE Marked - Insures complete electromagnetic compliance for superb reliability

Modular Construction - Easy maintenance and repair

Torsion-type Axle - Smooth, stable ride

Polyamide Epoxy Primer - Excellent rust and corrosion protection

Acrylic Urethane Finish - Excellent appearance and durability

ISO 9001:2000 Certified Design and Manufacturing - The ultimate in quality assurance

Best Warranty -     One year overall  
                          Two years on electrical and electronic components  
                          Ten years on solar panels

#### AVAILABLE OPTIONS

Auxiliary Battery Charger Upgrade - 75 Amp

Battery Upgrade - GelCell Batteries - maintenance free batteries



**SOLAR TECHNOLOGY, INC.**

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***Harness the Power of the Sun***

# SPTT-4200

## SOLAR POWERED PORTABLE TOWER TRAILER SYSTEM

### SPECIFICATIONS

#### PHYSICAL

Length Overall .....	177 inches (449cm)
Width Traveling.....	91 inches (231 cm)
Width Operating.....	139 inches (353 cm)
Width Across Fenders .....	91 inches (231 cm)
Height Traveling .....	101 inches (256 cm)
Height Operating .....	473 inches (1,201 cm) (maximum)
Ground Clearance .....	13 inches (33 cm) (minimum)
Weight .....	2,800 lbs (1,270 kg) approx. (maximum)
Coupler (Class III) .....	2-inch (5.1 cm) ball or 3-inch (7.6 cm) pintle ring
Axle/Suspension .....	Torq-Flex-independent
Tower Rating .....	MaxLoad - 45 lbs (21 kg) MaxSurface Area - 5 sq ft (465 sq cm)

#### ENERGY SOURCE

Operating Voltage .....	12 Volts DC (nominal)
Battery Type .....	6-Volt Heavy duty, deep cycle
Number of Batteries .....	Sixteen (16)
Battery Bank Capacity .....	2,400 Amp Hours
Battery Status Indicator .....	Displays full charge, normal and low battery condition
Solar Array Construction .....	Top-mounted solar panels in aluminum frame
Solar Array Power Output .....	Standard (300W) -300 Watts (peak)
Solar Charge Controller .....	Automatic, temperature compensated
Automatic Battery Charger .....	115 VAC line powered, 45 Amp

Specifications subject to periodic updates as required without notice.

#### AVAILABLE OPTIONS

##### BATTERY BANK UPGRADES

Gel Cell - maintenance free batteries

##### AUXILIARY AUTOMATIC BATTERY CHARGER UPGRADE

Upgrade to 115 VAC line powered, 75 AMP

#### OTHER *SolarTech* PRODUCTS

##### SILENT SENTINEL

Trailer and Truck Mount Arrow Boards

##### SILENT MESSENGER

Full-Sized Portable Dynamic Message Boards

##### SILENT MESSENGER II

Mid-Size Trailer and Vehicle Mount Message Boards

##### SILENT MESSENGER III

Small-Size Trailer and Vehicle Mount Message Boards

##### SILENT ADVISOR

Low and High Speed Application Radar Speed Trailers



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