



As Reliable as the Sun

Solar Powered 30' Tower Trailer SPTT 3000



Shown with optional
Bosch camera system

30' TOWER ADVANTAGES

Powered by a combination of solar panels and batteries, this sturdy platform features a three stage telescoping and rotating galvanized steel mast that can be raised to any height between 13.5 and 30 feet. Smooth inter-stage roller bearing technology allows for very little movement between the mast stages, ensuring superior image stability for cameras and exceptional accuracy for data collected by sensors.

ABOUT THE TRAILER:

Heavy duty, all steel trailer frame can be towed to any location. Includes sturdy polyethylene fenders and lockable battery compartments. Trailer includes Anti-Theft Battery frames to protect batteries. Built with a torsion-type axle for a smooth, stable ride. Four 3000 lb. swivel jacks allow easy leveling and setup.

Trailer is primed with a polyamide epoxy primer for rust and corrosion protection, then finished with an acrylic urethane for durability.

30' TOWER USES:

Made to customize, the 30 Foot Tower can be adapted for a wide variety of uses:

- Security equipment
- Communications relay station
- Communications station
- Satellite dish
- Weather measurement sensors
- Wi-Fi hotspot
- Remote camera
- Acoustic data collection
- Police traffic control
- Homeland security
- Military zones
- Traffic studies
- Phased-array radar



Solar Powered 30 Foot Tower Trailer

TRAILER

Length Operating	119 inches (302 cm)
Length Traveling	(without attachments) 202 inches (514 cm)
Width	79 inches (201 cm)
Height Operating	13.5 feet (minimum) up to 30 feet (maximum)-(914 cm)
Height Traveling	85 inches (216 cm)
Ground Clearance	13 inches (33 cm) minimum
Weight	2,500 lbs. (1134 kg) approx. (maximum)
Tower Rating.....	Maximum load: 45 lbs. (21 kg)
	Maximum surface area: 4 square feet (3716 sq cm)
Coupler (Class III)	2" (50 mm) ball or 2-1/2" (64 mm) pintle ring
Axle/Suspension	Torq-Flex - independent

ENERGY SOURCE

Operating Voltage	12 volts DC (nominal)
Battery Type	6 volt heavy duty, deep cycle (GC-2)
Number of Batteries	Up to twelve BCI-GC2 batteries for 1,560 amp-hr capacity
Battery Status Indicator	Displays full-charge, normal and, low battery condition
Solar Array Construction	Trailer-mounted solar panels in aluminum frame
Solar Array Power Output	Up to 480 watt solar array - can be tilted and rotated
Solar Charge Controller	Automatic, temperature compensated
Auxiliary Automatic	
Battery Charger	Built-in 45 amp battery charger: recharge in 30 hrs or less
Battery Security.....	Anti-theft steel battery frame bolted to trailer

Truly solar-powered: Continuous, year-round, uninterrupted power source capable of providing a minimum of 950 watt-hours per day of electrical power (nominal 75 amp hours per day at 12.5 volts DC)

AVAILABLE OPTIONS

- Solar Array options -- 80, 160, 240, 320, 400 or 480 watts
- Auxiliary Battery Charger Upgrade -- 90 amp, 120 volt AC, 60 Hz - will recharge batteries in less than 18 hours
- Battery Upgrade -- Flooded, Gel Cell or AGM maintenance-free batteries may be added - up to a total of 12 batteries
- Vandal-Proof Battery Enclosures
- Electric Brakes



Folds compactly
for transport



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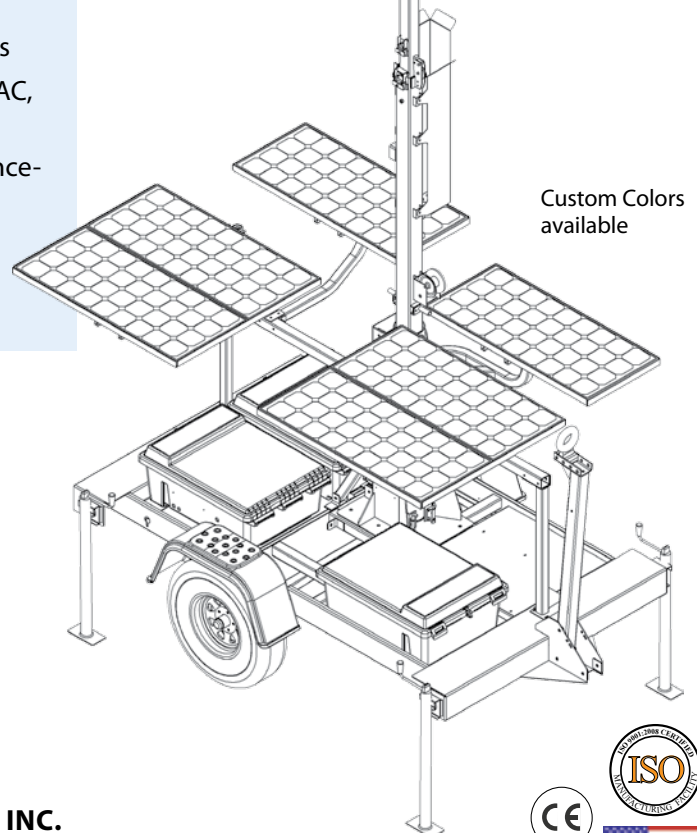
PRE-CONFIGURED MODELS AVAILABLE:



30' Camera
Tower with Bosch
Autodome Camera



30' Light Tower with
4 or 8 50-watt LED
Lamps



Custom Colors
available



Made in the USA

www.solartechtechnology.com