



As Reliable as the Sun

Solar Powered 30' Tower Trailer SPTT-3000

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:

The heavy duty, all steel trailer frame can be towed to any location. Includes sturdy polyethylene fenders and lockable battery compartments. Built with a torsion-type axle for a smooth, stable ride. Four 2000 lb. capacity swivel jacks allow easy leveling and setup. For additional battery theft protection, choose the Anti-Theft Battery frame option.

The 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



Shown with optional Bosch camera system



5 Year
LIMITED
Warranty
SINCE 2009

Solar Powered 30 Foot Tower Trailer

TRAILER

Length Operating	119 inches (302 cm)
Length Traveling	(without attachments) 168 inches (427 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	2,700 lbs. (1,225 kg) approx. (maximum)
Tower Rating	Maximum load: 45 lbs. (21 kg)
	Maximum surface area: 4 square feet (3716 sq cm)
Tower Rotation	Up to 360°
Coupler (Class II)	2" (50 mm) ball or 3" (76 mm) pintle ring
Axle/Suspension	Torq-Flex - independent
Winch	1000 lb. capacity automatic break-type winch
Cable	1/4" stainless steel aircraft-type cable

ENERGY SOURCE

Operating Voltage	12 volts DC (nominal)
Battery Type	6 volt heavy duty, deep cycle (GC-2)
Number of Batteries	Four (4) standard lead acid (flooded)
Battery Bank Capacity	520 amp hours
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 660 watt solar array - can be tilted and rotated
Solar Charge Controller	Automatic, temperature compensated, MPPT (Maximum Power Point Tracking)

Truly solar-powered: Continuous, year-round, uninterrupted power source capable of providing a minimum of 1320 watt-hours per day of electrical power (nominal 105 amp hours per day at 12.5 volts DC)

AVAILABLE OPTIONS

- Solar Array options – 160, 220, 330, 440, 490, 550 and 660 watts
- Auxiliary Battery Charger Upgrade:
 - 45 amp, 120 volt AC
 - 55 amp, 120 volt AC
 - 90 amp, 120 volt AC
- Battery Upgrade – Flooded, Gel Cell or AGM maintenance-free batteries may be added - up to a total of 12 batteries (1560 amp/hr)
- Battery Security Options:
 - Anti-Theft Steel Battery Frame Bolted to Trailer
 - Vandal-Proof Battery Enclosures
- Electric Brakes



Folds compactly for transport

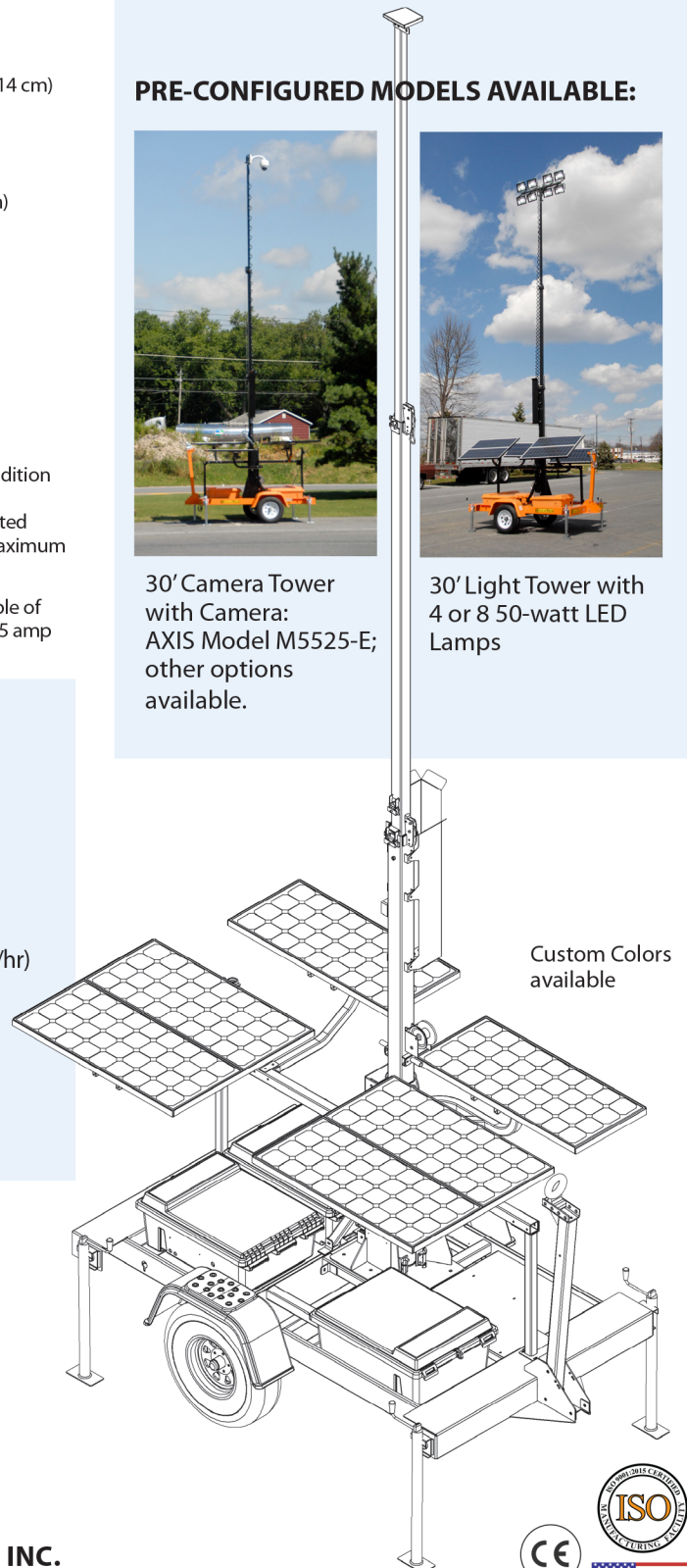
PRE-CONFIGURED MODELS AVAILABLE:



30' Camera Tower with Camera: AXIS Model M5525-E; other options available.



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



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