30-Foot Tower Trailer

30-Foot Tower Trailer

PRODUCT GUIDE

Solar Powered, SPTT-3000

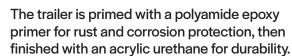


Powered by a combination of solar panels and batteries, this sturdy platform features a three stage telescoping and rotating galvanized steel mast that can be raised to any height between 13.5 and 30 feet. Smooth inter-stage roller bearing technology allows for very little movement between the mast stages,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



5 Year Warranty



Made to customize, the 30 Foot Sensor 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

Learn more at www.solartechnology.com









30-Foot Tower Trailer

SPTT-3000

Solar Powered 30 Foot Tower Trailer

Trailer

Length Operating	
Length Traveling	(without attachments) 168 inches
	(472 cm)
Width	79 inches (201 cm)
Height Operating	13.5 feet (minimum) up to 30 feet
	(maximum)-(914 cm)
Height Traveling	
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)

PRE-CONFIGURED MODELS AVAILABLE





30' Camera Tower with Camera: AXIS Model M5526; other options available.

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

AVAILABLE OPTIONS

SOLAR ARRAY OPTIONS

- 160 watt
- » 490 watt
- 220 watt 330 watt
- » 550 watt » 660 watt
- 440 watt

Battery Upgrade

» Flooded, Gel Cell or AGM maintenance-free batteries may be added - up to a total of 12 batteries (1560 amp hour)

Battery Security Options

Auxilary Battery Charger

45 amp, 120 volt AC

55 amp, 120 volt AC

90 amp, 120 volt AC

- Anti-Theft Steel Battery Frame **Bolted to Trailer**
- Vandal-Proof Battery **Enclosures**

Brakes

» Electric Brakes

Learn more at www.solartechnology.com





