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SPLT-SMJB-0.3K-ISGG-W4G-M1

16' Solar Security Tower w/ Backup Generator - (1) 300W Panel, (1) Strobe - GPS, Lockable

Product ID: 333533

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

SPLT-SMJB-0.3K-ISGG-W4G-M1 Outdoor Security Tower

Light Mast Specs

Tower Length: 16 Feet
Stages: 3
Operation: Manual Push Up - Lockable at Height
Materials: Steel
Finish: Powder Coated - Gloss Blue
Mast Cable: -

Solar and System Specs

Panels: (1) 300W
Method of Deployment: Fixed Mount
System Voltage: 12 Volts
Battery Bank: (1) 40aH Lithium-ion Battery Pack
Battery Capacity: 40aH Total / 40aH Usable
Charge Controller: 20aH
Remote or Local Viewing: Wi-Fi/Cell Service
GPS Tracking: Included
Warning Labels: English/Spanish

Backup Generator Specs

Fuel Type: Gas
Capacity: 2,500W (Starting); 2,200W (Running)
Engine Displacement: 98cc
Engine Type: OHV
RPM: Variable
Recommended Oil: 10W-30
Oil Capacity: 0.36 Qt
Fuel Capacity: 1 Gallon
Auto Start: At Low Battery Levels
Control Panel: Fuel Shut Off, Choke, Low Oil Shutdown, Start
Voltage: 120V AC, 60Hz
Receptacles: (1) L5-30R Twist Lock, (1) TT-30R

Strobe Light Specs

Lamp Qty: (1)
Lamp Type: LED
Voltage: -
Watts: -

Summary

16` Security Mast
Steel Construction
Powder Coated Finish
125 mph Wind Resistance
Manual or Optional Electric Operation
(1) 300 Watt Solar Panel
Backup Gasoline Generator
Lockable Job Box
English/Spanish Warning Labels
Blue Strobe

Lumens: -
LED Life Expectancy: 50,000+ hours
Color: Blue
Beam Angle: 360°
Lighting Configuration: Flood Beam
Amps: -
Ambient Temp Range: -
Mounting: Tower

Skid Mount Specs
Materials: Steel
Dimensions: -
Leveling Jacks: (4) 600 lb Rated
Skid Pockets/Lifting Eyelets: NA
Job Box Enclosure: Included, Lockable
Wheels: -
Tires: -
Weight: +-600 lbs
Shipping: Common Freight
Shipping Dimensions: 8`-L x 8`-W x 12`-H
Shipping Weight: +-600 lbs
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Special Orders - Special Requirements
Contact us for special requirements
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Made in the USA

The Larson Electronics SPLT-SMJB-0.3K-ISGG-W4G-M1 Solar Security Tower with Backup Generator provides a safe and effective way for operators to quickly deploy equipment to elevations up to sixteen feet in remote areas, construction sites and commercial locations. This solar light plant features a manual push up mast and blue strobe light. The unit includes one 300-watt solar panel, a 40aH lithium-ion battery bank and backup gasoline generator, as well as GPS tracking and Wi-Fi/cell service configuration.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS

This outdoor security mast enables wide-area monitoring in remote sites, including outdoor areas, construction sites, parking lots, commercial locations, events, roadway projects and more. This system includes a 16-foot manual push up mast, 300-watt solar panel, backup generator, 20aH charge controller, 40aH lithium-ion battery pack, blue strobe light, lockable job box, English/Spanish warning labels, GPS tracking and Wi-Fi/cell service configuration. The entire assembly is mounted onto a skid platform with four leveling jacks, allowing operators to transport this portable security tower from location to location.

Connectivity: The SPLT-SMJB-0.3K-ISGG-W4G-M1 features GPS tracking for system location monitoring and security. This system offers Wi-Fi/cell service configuration for remote or local viewing of data.

Strobe Light: This system features a blue strobe light located at the top of the mast.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there

is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

Light Mast: This three stage steel light mast from Larson Electronics is designed to allow operators to quickly and safely deploy equipment in locations where it must be elevated to heights up to 16` for effective coverage. Once the desired height is reached, the mast can be locked in place. The mast is extended to its full height manually.

When elevated to its full upright position, the mast can be rotated a full 360°. By loosening the T-Handle, operators can rotate the mast in either direction. The mast can be positioned in one of four different positions, and locked back in place by re-tightening the T-handle. The mast itself spins freely and can typically be rotated with a single hand. The LM series of towers are powder coated with glossy blue finish for corrosion resistance and aesthetics.

The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. Four 600 lb hand crank leveling jacks are used for leveling. When lowered to a collapsed position, the mast can withstand winds up to 125 mph. Custom builds can be provided for higher wind speed resistance when fully raised.

Solar Panel Assembly: This unit is comprised of one 300-watt solar panel, generating a total maximum output of 0.3 KW. The panel is mounted to the stationary assembly and can be locked at an angle for optimized light intake. The panel is wired to the solar charger control box, which manages the charging system and hosts a 20aH charge controller. Operators are provided access to a 40aH lithium-ion battery pack (40aH total capacity/40aH usable).

Backup Generator: A 2.5kW gasoline generator is available on the system, which serves as backup power when sunlight is insufficient. We offer models with LPG/LNG or diesel backup gensets (may come with additional costs). An auto start feature automatically activates the backup generator when the battery bank reaches below 30% capacity. This backup generator provides 120V power and features one 30-amp L5-30R and one TT-30R receptacles.

Component Control Center: All the electrical components are encapsulated in a job box that is bolted to the skid platform The job box that contains the component control system includes locks for security purposes.

Skid Mount Assembly: All system components are secured on a heavy-duty skid platform. Operators can transport and load/unload the entire assembly with a forklift. There are no skid pockets or lifting eyelets on the unit. Four 600 lb rated leveling jacks are available for stable deployment. The leveling jacks can be rotated (along with folded solar panels and collapsed mast) for seamless storage.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at

800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

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