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SPLT-SMJB-0.6K-LP16-M1

16' Solar Equipment Tower - (2) 300W Panels, Batteries, Battery Charger, CC - Lockable Job Box

Product ID: 276787

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-0.6K-LP16-M1 Outdoor Equipment 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: (2) 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
Battery Charger: Included

Skid Mount Specs

Materials: Steel

Dimensions: -

Leveling Jacks: (4) 600 lb Rated

Summary

16` Mast
Steel Construction
Powder Coated Finish
125 mph Wind Resistance
Manual or Optional Electric Operation
(2) 300 Watt Solar Panels
Fully Solar, No Fuel Needed
Lockable Job Box

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-0.6K-LP16-M1 Solar Equipment Tower provides a safe and effective way for operators to quickly deploy compact devices to elevations up to sixteen feet in remote areas, construction sites and commercial locations. This solar light plant features a manual push up mast, two 300-watt solar panels, 40aH lithium-ion battery bank, battery charger and charge controller.

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

This outdoor mast enables operators to elevate and use equipment in remote sites, including outdoor areas, construction sites, parking lots, commercial locations, events, roadway projects and more. The system includes a 16-foot manual push up mast, two 300-watt solar panels, 20aH charge controller, 40aH lithium-ion battery pack and battery charger. The entire assembly is mounted onto a skid platform with four leveling jacks, allowing operators to transport this portable system from location to location.

Light Mast: The 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 with easy, 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 two 300-watt solar panels, generating a total maximum output of 0.6 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) and a battery charger.

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)


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Product ID: 276787

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map