

RNT-SPLT-SMJB-0.3K-W4G-160AL-VT2-120V-M1

***RENT* 16' Solar Equipment Tower - (1) 300W Panel, 160aH Li-ion Battery Pack - 4G/LTE Router, Access Point/GPS**

Product ID: 273413

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.

RNT-SPLT-SMJB-0.3K-W4G-160AL-VT2-120V-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

Junction Box (Top of Mast): 6" x 6" x 4" w/ Terminal Block

Solar and System Specs

Panels: (1) 300W

Method of Deployment: Fixed Mount

System Voltage: 12 Volts

Battery Bank: (4) 40aH Lithium-ion Battery Pack

Battery Capacity: 160aH Total / 160aH Usable

Battery Charger: 120V

Inverter: 120V Handles up to 100 Watts of Devices

Charge Controller: 20aH

Connectivity: 4G/LTE Wireless Router w/ Access Point and GPS

GPS Tracking: Included

Summary

16' Mast

Steel Construction

Powder Coated Finish

125 mph Wind Resistance

Manual or Optional Electric Operation

(1) 300 Watt Solar Panel

Fully Solar, No Fuel Needed

4G/LTE Wireless Router w/ AP

GPS

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

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

This unit is for rentals

Made in the USA

The Larson Electronics RNT-SPLT-SMJB-0.3K-W4G-160AL-VT2-120V-M1 Solar Equipment Tower provides a safe and effective way for operators to quickly deploy lights, cameras and 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 with a 6" x 6" x 4" junction box secured at the top. The unit includes one 300-watt solar panel and a 160aH lithium-ion battery bank, as well as GPS tracking and a 4G/LTE wireless router with access point.

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

This outdoor equipment mast is suitable for use in remote sites, outdoor areas, construction sites, parking lots, commercial locations, events, roadway projects and more. The system includes a 16-foot manual push up mast, 300-watt solar panel, charge controller, 160aH lithium-ion battery pack, battery charger, inverter, GPS tracking and a 4G/LTE wireless router with access point. 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 RNT-SPLT-SMJB-0.3K-W4G-160AL-VT2-120V-M1 features GPS tracking for system location monitoring and security. This system has a 4G/LTE wireless router with access point for network connectivity.

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. An included 6" x 6" x 4" junction box with a terminal block is available at the top of the mast for wiring connections.

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 ease, 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 160aH lithium-ion battery pack consisting of four, 40aH lithium-ion batteries (160aH total capacity/160aH usable).

Battery Charger: This system comes with a 120V battery charger, which can be

plugged into a local wall outlet during use, such as prior to deployment or when local power is available at the remote site.

Inverter: This unit has a 120V inverter, which is capable of powering up to 100 watts of devices.

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.



Frequently Asked Questions (FAQ)

RNT-SPLT-SMJB-0.3K-W4G-160AL-VT2-120V-M1

Product ID: 273413

Export Control Classification Number (ECCN): EAR99

Options:

RNT-SPLT-SMJB-0.3K-W4G-160AL-VT2-120V-M1-Rental Length

Example: RNT-SPLT-SMJB-0.3K-W4G-160AL-VT2-120V-M1-MR

Rental Length	
MONTHLY	-MR
WEEKLY	-WR
DAILY	-DR

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)