Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

SPLT-SKM-0.75K-LM20-M1

20' Solar Security Tower - Manual Crank Mast, Job Box - Skid Mounting Platform

Product ID: 271952

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-SKM-0.75K-LM20-M1 Skid Mount Solar Mast Assembly
Tower Length: 12' to 20'
Stages: 3
Mast Head Length: 44"
Operation: Manual Crank Winch
Mast Cable: 3/16" Galvanized Aircraft Cable
Mounting Accommodation for Solar Panels: A-frame and Swivel Mount for (2) Customer-provided Solar Panels
Mounting Accommodation @ Mast Head: Customer-provided Cameras and Wireless Bridge
Mounting Accommodation for Electronics: Job Box w/ Fan
Materials: Steel
Finish: Powder Coated - Gloss Blue
Assembly Mount: Skid Platform w/ Skid Pockets and 4-corner D-rings
Weight: +-600 lbs
Shipping: Common Freight
Shipping Dimensions: 8'-L x 8'-W x 12'-H
Shipping Weight: +-600 lb
Options: Length - Mounting - Fixtures / Call Us for Special Requirements

Quick Summary
12' to 20' Mast
Steel Construction
Powder Coated Finish
65 MPH Constant Wind Speed Rating
85 MPH Gust Rating
Customer-provided Devices and Electronics Not Included

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

The SPLT-SKM-0.75K-LM20-M1 from Larson Electronics is a Solar Equipment Tower that provides a safe and effective way for operators to quickly deploy customer-provided equipment to elevations up to 20 feet.

Secured on a skid platform with skid pockets, this solar plant features a telescoping tower that folds over for easy transportation, a rotating boom that allows for 360° rotation, a removable mast head, A-frame and swivel mount for customer-provided solar panels, manual crank winch and job box with fan. Customers must provide supporting devices to complete the system.

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

This skid mounted solar mast enables customers to setup their equipment at remote locations. System electronics that are required for a fully working solar-powered tower system are not included and must be provided by the customer. This assembly includes a 12`-20` mast powered by a manual crank winch, job box with fan for mounting customer-provided devices, as well as an A-frame and swivel mount for securing up to two, 380-watt customer-provided solar panels.

Mast: This telescoping three stage steel mast from Larson Electronics is designed to allow operators to quickly and safely deploy a variety of equipment in locations where it must be elevated to heights up to 20` for effective coverage. This mast can be extended to 20` above the skid floor for maximum area coverage, and collapsed to 12` for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a lower section 12 feet in length and 4 inches in diameter, a middle section 8 feet in length and 3.5 inches in diameter, and an upper section 6 feet and 3 inches in diameter. Each section has 2` of overlap.

The mast is extended to its full height using an included manual crank winch. Mounting accommodations for customer-provided cameras and wireless bridge are available at the top of the mast.

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 with easy 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. The unit features the following wind ratings: 65 mph constant wind and 85 mph gusts. Custom builds can be provided for higher wind speed resistance when fully raised.

Skid Mount: All assembly components are secured on a heavy-duty skid-mount platform with skid pockets. This platform contains 4-corner D-rings for picking.

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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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **Video1**
- **Video2**
- **Video3**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**