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HAL-SPLT-SKM-LM15-FO-SPM-440AH-10P-ES

15' Hazardous Location Portable Solar Tower - C1D2 - (1) Panel Mount, (4) 110Ah Gel Batteries, Ethernet Switch- 10' Pole/Skid Mount

Product ID: 314359

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-LM15-FO-SPM-440AH-10P-ES Hazardous Location Skid Solar Mast

Mast Specs

Tower Length: 15', 4" (Floor to Top of Mast) - Adjustable, Fold Over
Stages: 2
Capacity: -
Mast Head: Vertical Mounting Plate w/ (2) Fasteners
Materials: 12Ga Steel
Finish: -
Operation: Manual Hand Winch
Pole: 10' - 3.5"OD Schedule 40 Pipe, Galvanized Finish (11' Floor to Top of Pole)

Solar Specs

Panel Frame Capacity: (1) 395W Panel (Not Included)
Method of Deployment: 45° Adjustable Tilt
System Voltage: 12V
Battery Bank: (4) 110 aH, 12V Gel Deep Cycle
Capacity: 440 aH Total Capacity, 220 aH Usable Capacity
Battery Enclosure: 52" x 34" x 16", 2-tier
Charge Controller: 20A, 24V DC, Sunsaver with LVD
Protection: (2) 25A Fuses, (1) 15A Fuse, (1) 5A Circuit Breaker
Programmable Controller: Web Enabled
Ethernet Switch: 5-port Industrial Gigabit PoE+ Unmanaged Ethernet Switch
Ethernet Cable Type: CAT6A, Armored Anti-rodent

Skid Mount Specs

Materials: -
Dimensions: 6' x 4'
Finish: Light Grey Paint
Mount: Skid Mount

Summary

NRTL Listed for United States and Canada
Class I, Division 2 Groups A, B, C, D
Adjustable, Fold Over Mast
Steel Construction
Manual Operation
Fully Solar, No Fuel Needed
Type 3R Battery Enclosure

Weight: +-600 lbs
Shipping: Common Freight
Shipping Dimensions: -
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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The Larson Electronics HAL-SPLT-SKM-LM15-FO-SPM-440AH-10P-ES Hazardous Location Portable Solar Tower provides a safe and effective way for operators to quickly deploy customer-provided equipment to elevations up to 15', 4" in combustible work areas. Secured on a skid platform with skid pockets, this solar-powered system has a telescoping

tower that folds over for easy transportation, battery bank, solar panel frame (solar panel not included), charge controller and ethernet switch. Equipped with a 2-tier battery enclosure, customers must provide supporting devices to complete the system.

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

The HAL-SPLT-SKM-LM15-FO-SPM-440AH-10P-ES offers a reliable method to power equipment with solar panels in hazardous locations without access to the grid. This Class I, Division 2 rated system features a telescoping, fold over mast, equipment pole, 440 aH gel deep cycle batteries, battery enclosure, charge controller, web enabled programmable controller and 5-port ethernet switch with CAT6a armored anti-rodent ethernet cable connections. All system components are secured to a skid frame for seamless transportation.

Mast: This telescoping, fold over steel light mast from Larson Electronics is designed to allow operators to quickly and safely deploy lighting, cameras and other electrical equipment in hazardous locations where such equipment must be elevated to heights up to 15`, 4" for effective coverage. The light boom can also be collapsed for applications where a smaller footprint is required. The mast is elevated manually using a hand winch. The top of the mast features a vertical mounting plate with two fasteners for securing customer-provided equipment.

Solar Panel Frame: This unit includes a solar panel frame, designed to hold one 395-watt solar panel (not included). The frame is adjustable at 45°.

Batteries: Operators can access four 110 aH gel deep cycle batteries (440 aH total capacity, 220 aH usable capacity) for energy storage. A 52" x 34" x 16" 2-tier Type 3R battery enclosure protects the batteries and other electrical equipment.

Skid Mount: All components are secured on a 4' x 6' heavy-duty skid platform with skid pockets.

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)