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SPLT-.53K-LM30-2XN3B-PW-TLR7-AB0002

0.53KW Solar Panel System - (2) 265W Solar Panels - 12V 200aH Battery Bank - (1) Junction Box

Product ID: 145965



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-.53K-LM30-2XN3B-PW-TLR7-AB0002 Solar Panel Power System
Solar Specs
Panels: (2) 265 Watt panels
Method of Deployment: A-Frame Fixed Mount
System Voltage: 12 Volts
Battery Bank: (2) 12V 8D 200aH batteries
Battery Capacity: 400aH Total / 200aH Usable

Quick Summary
Fully Solar, No Fuel Needed

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

The Larson Electronics SPLT-.53K-LM30-2XN3B-PW-TLR7-AB0002 solar panel system provides a safe and effective way for operators to easily power cameras, security devices, and other equipment attached to the SPLT-.53K-LM30-2XN3B-PW-TLR7-AB0001 trailer mounted light mast. This solar panel power system features two 265 watt solar panels and a 400aH capacity battery bank with 200aH being usable. The SPLT-.53K-LM30-2XN3B-PW-TLR7-AB0002 also includes all the cabling and electronics to safely operate the solar panel system and a NEMA 3R job box to protect the batteries and electrical components.
PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS SOLAR PANEL POWER SYSTEM
The only things included with the SPLT-.53K-LM30-2XN3B-PW-TLR7-AB0002 are (2) solar panels, (1) battery bank, (1) job box, electronics and cabling. NO light mast or trailer is included.

This solar panel system with solar generator has a 12" x 12" x 6" junction box that can be mounted at the top of a light mast (not included) for connecting cameras and other devices. This junction box is ideal for mounting security cameras for a 360° field of view along with other electrical devices for each operator`s specific needs. The top mounted junction box is mounted to the head of a light mast via a half-moon shaped mounting plate. External sealtite coiled tubing runs around the mast to allow operators to run Ethernet cable to the junction box at the top of the operator provided light mast. The tubing connects the junction box and base solar component box together.

Solar Powered Light Tower: This solar light tower includes two 265 watt solar panels, solar charging system, battery bank, electronics and cabling. This 0.53KW solar generator system replenishes amp hours of usable battery capacity per day, assuming 5.5 hours of peak charging sunlight. This system delivers 12 volts for equipment mounted atop an operator provided light mast.

Solar Panel Assembly: This unit is comprised of two 265-watt solar panels, generating a total maximum output of 0.53 KW. The panels are mounted to a stationary assembly. The panels are wired to the solar charger control box which manages the charging system. The two solar panels are mounted to a frame angled at 45° to capture the intensity of the sun for optimized light intake.

Component Control Center: All the electrical components are encapsulated in a NEMA 3R job box that can be bolted to an operator provided trailer. Since most of these components are not rated for high heat, our component cooling system circulates air within the job box at 1400 CFM when the ambient temperature exceeds 90 degrees Fahrenheit. The job box that contains the component control system includes locks for security purposes.

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)