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SPLT-1.8K-4X50AH-FN-48V

1.8kW Portable Trailer Mounted Solar Panel System - (6) 300W Panels, (4) Lithium Batteries - 48V DC System Voltage

Product ID: 307007

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-1.8K-4X50AH-FN-48V Trailer Mounted Solar System

Panels: (6) 300W panels

Panel Protection: 20 Amp Din Rail Breaker

System Protection: Battery over/under

System Voltage: 48V DC

Primary Frequency: 60 Hz (60-cycles)

System Output: 120V AC

Primary Protection: 80 Amp Circuit Breaker

Battery Capacity: (4) 50AH Lithium Batteries – 200AH Total

System Cooling: 24V DC Fan w/ Adjustable Thermostat

Form Factor: Towable, Single Axle Trailer

Trailer Coating: Powder Coated Blue

Quick Summary

Fully Solar, No Fuel Needed

Transport Dimensions: -

Weight: -

Shipping: Common Freight

Shipping Dimensions: 14`L x 10`W x 12`H

Shipping Weight: -

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-1.8K-4X50AH-FN-48V Portable Trailer Mounted Solar Panel System provides a safe and effective way for operators to use solar power in work areas. This solar assembly features six 300-watt solar panels, a lithium battery bank and cooling fan with an adjustable thermostat. All system components are secured to a single-axle, powder coated blue trailer.

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

The SPLT-1.8K-4X50AH-FN-48V is a portable solar-powered system for outdoor and remote locations. This 48V DC system consists of six 300-watt solar panels protected by a 20-amp din rail breaker. The unit provides 120V AC output, equipped with an 80-amp breaker for protection. The battery bank consists of four, 50aH lithium batteries (200aH total). Cooling is provided by a 24V DC fan with an adjustable thermostat.

Operation:
• (6) 300W solar panels
• (4) 50AH Lithium Batteries – 200AH Total
• 24V DC Fan w/ Adjustable Thermostat
• All system components secured to a trailer

Solar Panel Assembly: This unit is comprised of six 300-watt solar panels, generating a total maximum output of 1.8 KW. The panels are mounted to the trailer.

Batteries: The system features four, 50aH lithium batteries (200aH total). Compared to conventional SLA batteries, these units are 100% usable and lighter in weight. Over time, this results in lower operating and maintenance costs.

Trailer Assembly: A single-axle trailer holds all system components, allowing operators to deploy and transport the solar panels in desired locations. The trailer is protected by a powder coated blue finish for durability in rugged, outdoor areas.

Applications: Live events, law enforcement, military, commercial, industrial facilities, remote locations and more.

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)

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**