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

HAL-SPSM-.75KW-12V-1000AH

Hazardous Location Solar Panels w/ Batteries - C1D2, 12V - (4) Panels, (4) Batteries - Skid Mount

Product ID: 153789

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.

HAL-SPSM-.75KW-12V-1000AH Hazardous Location Solar Powered PV Panels w/ Batteries

Unit Type: Solar Powered System
Solar Panel Dimensions: 62.5" x 31.1" x 2"
Weight: -

Battery Type: Valve Regulated Lead Acid

Capacity: (4) 250aH 8D 12V

Panel Watts: 760 - (4) 190W Solar Panels

Voltage at Pmax (Vmpp): 38V

Current at Pmax (Impp): 5A
Module Efficiency: 15.2%

Solar Cells: 144 Crystalline 5” Silicon Cells

Mount: Floor or Pole Mount via Rear-access U-bolts (Batteries), Skid Mount Frame Mount (Solar Panels)

Runtime: (1) 190W 12V Electrical Device - 72 Hrs w/o Sun

Wiring: 40` 12/2 SOOW Cord

Ratings/Approvals

Listed for the US and Canada
Class I, Division 2
(4) IP65 Solar Panels

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in Texas

The HAL-SPSM-.75KW-12V-1000AH Hazardous Location Solar Panel w/ Batteries from Larson Electronics is ideal for powering equipment in remote industrial facilities. This sustainable system consists of four, 190-watt hazardous location solar panels (on a skid mount frame) and an external Class I, Division 2 enclosure, which houses four, 250aH batteries

and controls (floor or pole mount via rear-access U-bolts).
The HAL-SPSM-.75KW-12V-1000AH is a sustainable-energy system for deployment in hazardous locations. This unit features four, 190-watt solar panels and four batteries for storage. The four, 12V 250aH 8D batteries provide constant, reliable power for connected equipment. As with all solar powered equipment, charging time is affected by the amount of available ambient light. Indirect sunlight and low ambient light levels, such as on cloudy days, will extend the charge time. Runtime for the system is 72 hours (without sun), when powering one 190-watt 12V electrical device.
The valve regulated lead acid batteries and controls are contained within a heavy-duty remote enclosure that is powder coated aluminum for corrosion resistance and includes pad-lockable hasps. The Class I, Division 2 enclosure is equipped with circuit breakers for short circuit protection.
Mounting: During installation, operators may secure the solar panels, using a skid mount frame, on flat surfaces. The battery enclosure can be mounted on the floor or on poles via rear-access U-bolts.
Wiring: The HAL-SPSM-.75KW-12V-1000AH ships with 40 feet of 12/2 SOOW cord. Custom lengths are available upon request. Please contact us for special requirements.
Applications: Class I, Division 2 environments, paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, gas processing plants, chemical manufacturing, waste treatment plants, agricultural sites, grain storage facilities 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.

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

Frequently Asked Questions (FAQ)

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Wiring Diagram**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**