

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

Part #: [HAL-SPSM-.75KW-12V-1000AH](#)



**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.

**Specifications / Additional Information****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- Requirements**

Contact us for special requirements

**Phone:** 1-214-616-6180

**Toll Free:** 1-800-369-6671

**Fax:** 1-903-498-3364

**E-mail:** sales@larsonelectronics.com

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Part #: HAL-SPSM-.75KW-12V-1000AH (153789)

Links (Click on the below items to view):

- [Hi-Res Image 1 - Solar Powered System](#)