Larson Electronics LLC
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Product ID: 146834

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image:

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.

SPWASN-HRN-PA Solar Power Industrial Horn
Type: Solar Powered Industrial Horn
Horn Dimensions: 10.8"L x 10"W x 10"H
Horn Control Box Dimensions: 9.5"L x 6"W x 4"D
Weight: 19.5 lbs
Materials: Cast Aluminum & Fiberglass
Volume: 110 dBa @ 10 Feet
Mounting: Omni directional mounting bracket, 1/2" conduit access
Operating Modes: 8 User Selectable Field Tones
Ambient Operating Temperature: –55°C to +85°C (–67°F to +185°F)

Solar Panel
Operation: 24/7, On/Off, Day/Night, Motion, or Flying Leads
Panel Dimensions: 14.3"-W x 27.89"-L x 3.19"-D
Weight: 15 lbs
Ambient Temp: -45°C to +55°C
Runtime: 12 Hours
Charging Time: 5 Hours
Battery: (4) Sealed Lead Acid Battery
Mounting: Surface or Pole
Wiring: 15` SOOW Whip w/ Blunt Cut Ends

Ratings/Approvals
NEMA 4X Rated
UL Listed
Marine Rated

Solar Panel Features
Multiple Mounting Options
Solar Panel w/ 8 Amp Rating
Waterproof

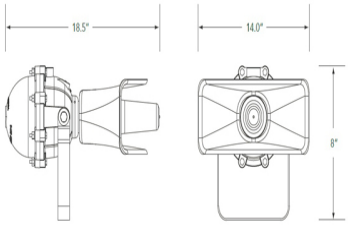
Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

The SPWASN-HRN-PA from Larson Electronics is a Solar Powered Industrial Siren that

is NEMA 4X rated, weather and dust proof and includes 8 tones that can reach up to 110dBa while also being remotely operated. The included 30 watt solar panel recharges the 2 batteries in 5 hours with direct sunlight.

The SPWASN-HRN-PA industrial horn provides operators in wet locations with an effective and powerful alert/signal system that can withstand demanding conditions and be heard over the operation of industrial machinery. This unit includes 8 different tones which can reach peak output of 110dBA and can be remotely operated for priority alerts.

The housing on this solar powered horn is constructed of heavy duty aluminum and the horn is formed fiberglass. The entire unit is finished in durable grey powder coat for resistance to corrosion, is weatherproof/dustproof, and NEMA4x and marine rated for wet environments. Wiring is through a 1/2" conduit access hub and mounting is via an omni directional bracket which allows mounting to flat surfaces and vertical adjustment of the horn for secure placement and optimum sound direction.



Click Photo to Enlarge

The solar panel is weatherproof and designed to catch the maximum amount of sunlight possible when properly mounted. As with all solar powered equipment, charging time is affected by the amount of available ambient light. When ambient light levels drop below a certain level, such as on very cloudy days, the unit will not recharge. This solar panel is configured to operate non-stop 24/7, day/night with photocell, motion sensor for security purposes, on/off switch for manual operation, or flying leads for operators to connect to user provided external switches. The day/night and motion sensor is programmed to active the solar panel in the evening and to shut it off during the day, activating the LED light when ambient lighting falls below 1 lux. The motion sensor will activate the panel upon detecting movement within range of the panel.

The sealed lead acid battery pack is contained within the solar panel, not the connected equipment. The mounting apparatus is designed to allow a variety of mounting options including flat surfaces such as a wall and square or round pole mounting. The SPWASN-HRN-PA features a 15 foot whip of SOOW cable off the panel with a blunt cut end. Operators provide their own additional wiring to accomodate their specific mounting and wiring circumstances.

Tones (Selectable by switch on sound module):

1. Continuously running train of eight sounds in sequence

2. Wail - conventional siren
3. Yelp - rapid siren
4. Two-tone
5. Whoop - ascending low to high
6. Yeow - descending high to low
7. Horn - Steady
8. Beep - slow intermittent horn
9. Stutter - rapid intermittent horn
0. Remote-Enables remote selection of: (7) - Horn (4) - Two tone - alternating (3) - Yelp - rapid siren (1) - Wail - manual siren

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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)

There are no Faqs

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Product ID: 146834

Export Control Classification Number (ECCN): EAR99

Options:

-Operation-Mount
Example: -24.7-PM

Operation	
24/7	-24.7
ON/OFF	-On.Off
DAY/NIGHT	-Day.Night
NIGHT/DAY	-Night-Day
EXTERNAL	-Leads
MOTION	-Motion

Mount	
1 INCH PIPE MOUNT	-PM
SURFACE MOUNT	-SFC
MAGNET MOUNT	-M

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Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/146834.JPG)
- **Video1**(https://www.youtube.com/watch?v=NIxkiFSahDQ)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)