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SP-10

10W All Weather Solar Panel - 12V - 16.4' Cable w/ Alligator Clips - Aluminum Frame

Product ID: 242340

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.

SP-10 Waterproof Solar Panel

Solar Cells: Monocrystalline
Panel Dimensions: 13.8" x 9.8" x 1.2"
Weight: 2.64 lbs
Maximum Power: 10W
Maximum Power Voltage - VMP (V): 18.00V
Maximum Power Current - IMP (A): 2.78A
Open Circuit Voltage - VOC (V): 22.5V
Short Circuit Current - ISC (A): 3.03A
Maximum System Voltage: 1000V DC
Maximum Fuse: 15A
Nominal Operating Cell Temperature (NOCT): -45°C to +80°C
Materials: Aluminum Frame - White
Mount: Ground via Stand or Permanent via Pre-drilled Holes
Wiring: 16.4' Cable w/ Alligator Clips

Ratings/Features

Corrosion Resistant
Wind Resistant @ 2400Pa
Snow Load @ 5400Pa
Waterproof
Blocking Diode (Prevents Reverse Current Flow)

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics SP-10 All Weather Solar Panel offers high efficiency and extended outdoor use. This corrosion resistant unit provides 10 watts of maximum power. The monocrystalline solar panel is protected by an aluminum frame and comes with a 16.4-foot cable and alligator clips.

The SP-10 is recommended for harvesting sunlight and solar energy conversion in

outdoor sites. This 10-watt unit consists of monocrystalline cells, which is compatible with a 15-amp fuse (maximum). An included blocking diode prevents reverse current flow from the battery after sunset. Constructed of aluminum, this solar panel is corrosion resistant and waterproof. The unit is also wind resistant at 2,400Pa and capable of withstanding snow loads at 5,400Pa.
Wiring: The SP-10 features a 16.4` cable with alligator clips, which can be used to complete power connections.
Mount: This outdoor solar panel supports permanent mounting requirements on rooftops, walls and flat surfaces via pre-drilled holes at the back of the unit. Alternatively, operators may prop the unit up on the ground using a foldable stand (also at the back of the panel).
**Please note that charge controllers, batteries, and inverters are sold separately.*
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)

SP-10

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**