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

SP-FLX-120W-R1

120W All Weather Flexible Solar Panel - 12V, 36 Cells - Aluminum Backsheet, 34" Wire Leads

Product ID: 265825

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-FLX-120W-R1 Solar Panel

Panel Type: Mono-crystalline Flexible

Panel Dimensions: 46.6" x 21.3" x 0.1"

Cells Orientation: 36 Cells

Weight: -

Watts: 120W
Voltage: 12V
Maximum System Voltage: 700V
Vm(V): 20V
Im(A): 6A
Voc(V): 22.8V
Isc(A): 6.65A
Cell Efficiency: 18%
Output Tolerance: +/- 3%
Junction Box Type: PPO, Black
Temperature Coefficient of Isc: +0.1%/°C
Temperature Coefficient of Voc: -0.38%/°C
Temperature Coefficient of Pm: -0.47%/°C
Temperature Coefficient of Im: +0.1%/°C
Temperature Coefficient of Vm: -0.38%/°C

Operating Temperature Range: -40°C to 85°C

Materials: Aluminum Substrate (Backsheet), PET (Encapsulation)

Mount: Surface

Wire Leads: 34"

Ratings/Approvals

AM1.4 100MW/cm 25°C Standard Test Conditions

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

The SP-FLX-120W-R1 All Weather Flexible Solar Panel from Larson Electronics is designed for solar applications in remote and outdoor locations. The 12V unit is bendable and contains 36 mono-crystalline cells. Equipped with an aluminum substrate backsheet and PET encapsulation, the solar panel comes with 34" wire leads.

The SP-FLX-120W-R1 is a crucial component in solar-powered systems. This 120-watt flexible solar panel operates on 12V (nominal) and has a 36-cell orientation. During use, the mono-crystalline unit offers =18% cell efficiency with +/- 3% output tolerance. The lightweight and bendable solar panel measures 46.6" x 21.3" x 0.1". This unit features an aluminum substrate backsheet and PET encapsulation.

Wiring: The SP-FLX-120W-R1 comes with 34" wire leads for power connections. Operators may access a PPO, black junction box on the system.

Mount: This unit can be mounted on surfaces.

Applications: Solar panels, outdoor sites, 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.

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):

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