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

Thank you for your purchase of the Larson Electronics Flexible Solar Panel.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF FIXTURE'S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

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.

MOUNTING

The SP-FLX-120W-R1 is designed for mounting to surfaces with good exposure to sunlight. **Be sure to remove the protective plastic film before use.** No mounting hardware is included with the unit, and mounting particulars are left to the end user as there are many applications suitable for the use of this item. **It is recommended to use a thermal insulation barrier of some type between the mounting surface and the solar panel to prevent overheating, particularly on surfaces that are susceptible to heat.**



POWER

The SP-FLX-120W-R1 is equipped with 34" wire leads fitted with solar connectors for connecting the panel to your solar system. Be sure panel ratings are compatible with your electrical system and the connected equipment. 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.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use. Use a soft, lint free cloth and a non-abrasive glass cleaning solution to clean the surface of the panel as needed.

REPLACEMENT PARTS

The SP-FLX-120W-R1 is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.