

Litheli

OPERATING MANUAL

Solar Panel 60W/100W/200W

WELCOME TO A BATTERY POWERED LIFE



Model No.: SASP-NA2/S1SP-NA3/S1SP-NA4


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www.Litheli.com


service@litheli.com

⚠ WARNING: To reduce the risk of injury, the user must read and understand the operator's manual before using this product. Save this manual for future reference.

SAFETY INSTRUCTIONS

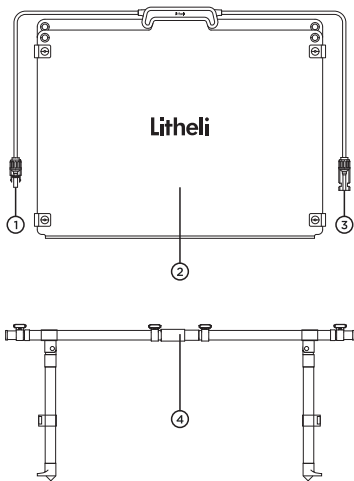
⚠ WARNING: Before using this product, carefully read all the instructions in this manual and on the product.

Failure to follow the warnings and instructions may result in the risk of fire, electric shock, serious personal injury, or property damage.

- a. Read all the instructions before using the product.
- b. Do not expose the solar panel to rain or expose to wet conditions for a long period.
- c. Contact the service agent when service or repair is required. Do not disassemble the product yourself as incorrect reassembly may result in an electric shock or fire. All repairs should be performed by a qualified service technician using only identical replacement parts. Do not try to alter any part of this product.
- d. Do not drop, disassemble, crush, bend, deform, puncture, shred, incinerate or insert foreign objects into this product, which will cause permanent damage.
- e. It is normal that the real charging power may be a little different from declared rated power because of sunlight, irradiation angle, ambient temperature and so on.
- f. When using this product, make sure the sunlight is strong enough, the solar panel is perpendicular to the sunlight, and there is no shelter from the sun.
- g. Stop using immediately if the product is not working

as it should, including but not limited to: it has received a sharp blow, has been dropped to the ground, dropped into water, been damaged, overheating, making unusual noises or vibrations, producing unusual odors or leaking electricity, etc.

KNOW YOUR TOOL



- 1.Mc4 Port(Male Connector)
- 2.Solar Panel
- 3.MC4 Port (Female Connector)
- 4.Solar Bracket

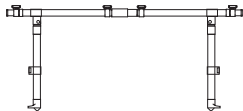
Model No.	S1SP-NA2/S1SP-NA3/ S1SP-NA4
Rated Power	60W/100W/200W
Color	Grey
Production Dimension	60W: 45.5x56.8x3cm 100W: 36.4x56.9x3cm 200W: 58.8x63.1x3cm
Open Circuit Voltage	24V/24V/20.5
Short Circuit Current	3.66A/5.5A/12.1A
Solar Energy Conversion Rate	22%-23%
Product Material	ETFE laminated monocrystalline silicon solar panel, 900D PVC laminating
Machine Weight	2.86kg / 4.04kg / 6.96kg

HOW TO USE

⚠ WARNING: Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to serious injury.

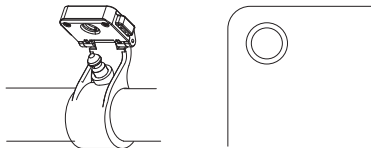
a. Fully extend the solar bracket. (Fig. 1)

FIG. 1



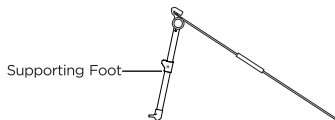
b. Fully unfold the solar panel. Insert the fixed buckles located on both ends on the horizontal frame of the bracket into the fixed holes on the edge of the solar panel. The bracket and the panel are now connected. (Fig. 2)

FIG. 2



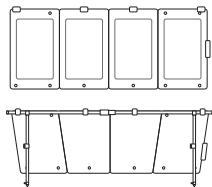
c. Extend the supporting feet. Then unfold the solar panel and the supporting feet to stand on the ground at an angle as shown in Fig. 3.

FIG. 3



d. Place the front side of the solar panel to face the sun. (Fig. 4)

FIG. 4



e. Using a solar charging cable attached to Litheli PowerHUB to connect the solar panel with the PowerHUB. Insert the other end of the charging cable into the DC input port of PowerHUB. When the PowerHUB is fully charged, it can be used to charge other electrical appliances.

MAINTENANCE

⚠ WARNING: When servicing, use only identical replacement parts. The use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

⚠ WARNING: To prevent serious injury from product failure, do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

- a. Regularly check and clean the product in time.
Keep the product clean and free of dust. Wipe the outer covering with a clean, non-abrasive, soft, and dry cloth.
- b. Never wet or spray water on the product. Do not use any lubricants, detergents, solvents or polishing agents as these could cause irreparable damage. Chemicals can destroy the plastic parts.

STORAGE

- a. Examine this product thoroughly for worn, loose, or damaged parts. Should you need to repair or replace a part, contact Litheli Customer Service for assistance.
- b. Store the product indoors in a locked and dry, well-ventilated place within the recommended temperature range and out of the reach of children to avoid direct contact with water and prevent unauthorized use or damage.

WARRANTY

Litheli WARRANTY POLICY FOR SOLAR PANEL

For Litheli solar panels used for personal and household purposes, 2-year limited standard warranty + 1-year limited extended warranty available upon product registration.

NOTICE: Litheli offers a Warranty Extension Service for the solar panel. Litheli solar panel Warranty Extension is available only upon product registration. Register your solar panel on Litheli OFFICIAL website to activate a 1-year limited extended warranty.

Please contact Litheli customer service at service@litheli.com any time you have questions or warranty claims.

LIMITED WARRANTY SERVICE

FOR THREE (1-year limited extended warranty included) YEARS from the date of original retail purchase, this Litheli product is warranted against defects in material or workmanship. Defective products will receive free repair or will be exchanged.

1. This warranty only covers Litheli products used for residential purposes.
2. This warranty does not cover the consumables such as, but is not limited to, solar brackets.
3. This warranty does not cover the damage resulting from the modification, alteration, or unauthorized

repair.

4. This warranty only covers defects arising under normal usage and does not cover any malfunction, failure, or defect resulting from misuse, abuse (including overloading of the product beyond capacity and immersion in water or other liquid), accidents, neglect or lack of proper installation, and improper maintenance or storage.
5. This warranty does not cover normal deterioration of the exterior finish including but not limited to scratches, dents, paint chips, or to any corrosion or discoloring by heat, abrasive and chemical cleaners.
6. This warranty applies only to the original purchaser from an authorized Litheli shop and may not be transferred.

PRODUCT REGISTRATION

Please register your Litheli product on Litheli OFFICIAL website.

For better warranty services, we recommend that you register the product within 30 days from the date of the original retail purchase.

WARRANTY CLAIM

For warranty claims, please contact Litheli customer service. You will need to submit a registration document or proof of purchase in the form of a valid

receipt that displays the date and place of purchase. Replacement products do not come with a new warranty. The warranty of the products will continue from the date of the original purchase.