### Technical Parameters

- **Model**: SP050BKH
- **Peak Power**: 50W
- **Cell Efficiency**: 19%~21%
- **Power Voltage**: 16.2V
- **Power Current**: 3.15A
- **Open Circuit Voltage**: 19V
- **Short Circuit Current**: 3.4A
- **Operating Temperature Range**: -10~40℃
- **Dimensions**: 565*395*10mm
- **USB A Output**: 5V / 2.4A
- **USB C Output**: 5V / 3A

### Safety Tips

- Before using the product, please read all safety precautions.
- The product is functioning abnormally or is damaged, do not use it.
- Avoid contact with water. Sharp objects coming into contact with the module.
- Only connect the panel to a high-quality battery connector to avoid risk of short circuit.
- Do not disassemble or attempt to repair the module.
- Do not touch any exposed electrical wires on the battery side.

### Warranty

The product is covered by a limited warranty from Jackery for the original purchaser that covers the product from defects in workmanship and materials for 24 months from the date of purchase (damages from normal wear and tear, alteration, misuse, neglect, accident, service by anyone other than authorized service center, or act of God are not included).

During the warranty period and upon verification of defects, this product will be replaced when returned with proper proof of purchase.

### Contact us

For any inquiries or comments concerning our products, please send an email to hello@jackery.com, and we will respond to you as soon as possible. If there is any quality-related issue with the product, you may request a replacement or refund by submitting a request form at www.jackery.com/support/.

### Frequently Asked Questions

**Q: What kind of battery can be charged by these solar modules?**

1. Jackery Explorer 240
2. Sealed lead-acid battery
3. Colloidal lead-acid batteries
4. The open lead-acid batteries

**Q: How to clean the solar surface?**

Dust and dirt on the surface should first be removed using a soft brush. Use a damp cloth to wipe the surface of the solar module to remove any remaining dust or dirt. Any gauze or other adhesive should be removed as soon as possible from the solar surface to avoid a reduction in performance.

**Q: Are the foldable solar modules waterproof?**

To Maximize the lifespan of the module, it should not get wet.