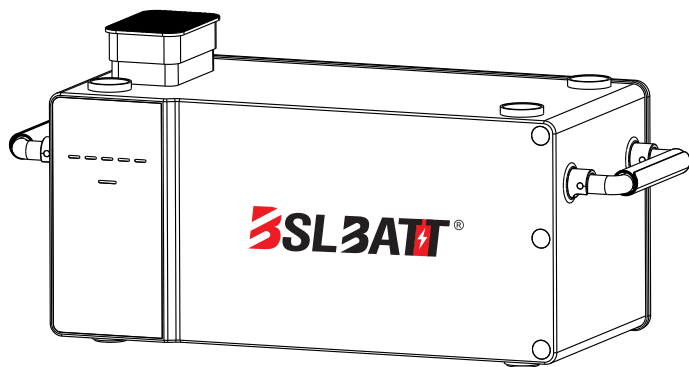


Balcony Energy Storage Battery Pack

User Guide



Please read all instructions carefully before using this product. Avoid any modifications or custom configurations not detailed in this manual.

The warranty will be void if personal injury, data loss, or damage occurs due to failure to comply with the provided instructions.

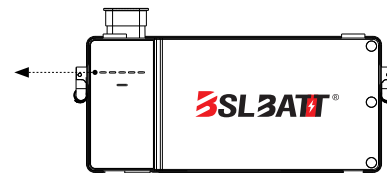
Indicator Light Overview:

Five battery level indicators represent 10%, 25%, 50%, 75%, and 100% battery capacity.

During charging: Indicators illuminate in a flowing light pattern (cycling from left to right).

At 0% capacity: The 15% indicator light will flash continuously.

BMS Protection Mode: All indicators flash simultaneously.



Specifications:

Basic Parameters	Model	Brick 2
	Weight	16.7kg
	Dimensions	438×210.7×247mm
	Capacity	1958Wh(102Ah/19.2V)
Operating Environment	Charging Time	Approximately 2.0 hours
	Operating Temperature	-20 - 55°C
	Charging Temperature	-20 - 55°C
	Waterproof Rating	IP65
	Operating Humidity	≤90%

Package Contents:



Balcony Energy Storage Battery Pack



Safety Manual



Website



Tiktok



Youtube

www.bsl-battery.com
Call: +86-752-2819-469
E-mail: inquiry@bsl-battery.com

Attention:

- To minimize the risk of injury, ensure close supervision when the product is used in proximity to children.
- Avoid inserting fingers or hands into the product.
- Using an attachment not recommended or sold by the manufacturer may pose a risk of fire, electric shock, or injury to persons.
- To reduce the risk of damage to the electrical plug and cord, disconnect the product by pulling the plug rather than the cord.
- Do not operate the product beyond its specified output rating. Overloading may result in a fire hazard or injury to persons.
- Do not use a damaged or modified product or attachment. Damaged or altered batteries may exhibit unpredictable behavior, leading to fire, explosion, or injury.
- Avoid operating the product with a damaged cord, plug, or output cable.
- Do not disassemble the product. If servicing or repair is required, consult a qualified service technician. Incorrect reassembly may result in a fire hazard or electric shock.
- Prevent exposing the product to fire or temperatures exceeding 130°C, as this may cause an explosion.
- To reduce the risk of electric shock, unplug the power pack from the outlet before performing any servicing as instructed.
- Ensure servicing is conducted by a qualified repair technician using identical replacement parts to maintain product safety.
- During device charging, the product may feel warm. This is a normal operating condition and should not raise concern.
- When charging the internal battery, work in a well-ventilated area and ensure ventilation is not restricted.
- Avoid cleaning the product with harmful chemicals or detergents.
- Misuse, dropping, or excessive force may lead to product damage.
- When disposing of secondary cells or batteries, separate cells or batteries of different electrochemical systems from one another.
- Avoid using or storing this product in direct sunlight for extended periods, such as in a car, cargo bed, or other high-temperature environments. Doing so may cause malfunction, deterioration, or heat generation.
- Battery servicing should be performed or supervised by personnel knowledgeable about batteries and the necessary precautions.
- Avoid using this product near strong static electricity or strong magnetic fields.
- Prevent exposing this product to flammable, explosive gases, or smoke.
- Avoid standing on the product.
- Do not immerse the product in water. If the product accidentally falls into water, place it in a safe, open area away from fire until it is completely dry.

General Instructions Regarding Removal and Installation of Batteries:

- When replacing batteries, ensure the use of batteries or battery packs of the same model and quantity as the original factory specifications.
- Do not open or damage batteries. The electrolyte inside contains toxic chemicals. Avoid contact with skin, eyes, etc.
- Batteries may retain residual charge. To ensure safety during operation, adhere to the following precautions:
 1. Remove watches, rings, or other metal objects from your body.
 2. Use tools with insulated handles.
 3. Wear rubber gloves and rubber boots.
 4. Do not place tools or metal objects on the battery.
 5. Disconnect the power supply before connecting or disconnecting battery terminals.
 6. Check if the battery is accidentally grounded. If so, it may cause a short circuit through the grounding wire—disconnect immediately.



WARNING:

- Substituting a battery with an incorrect type could compromise safety mechanisms, potentially leading to hazardous conditions.
- Disposing of the battery or product in a fire, hot oven, or other high-heat environment, or mechanically crushing or cutting it, may trigger an explosion.
- Storing or leaving the battery or product in an excessively high-temperature environment could result in an explosion or the release of flammable liquids or gases.
- Exposing the battery or product to extremely low air pressure may cause an explosion or the leakage of flammable liquids or gases.
- When the photovoltaic array is exposed to light, it generates a direct current (DC) voltage that is supplied to the power conditioning equipment (PCE).

NOTE

Explosions may occur if incorrect battery types are used. Used batteries can be recycled.
Explosions may occur if replacement batteries are of incorrect types.