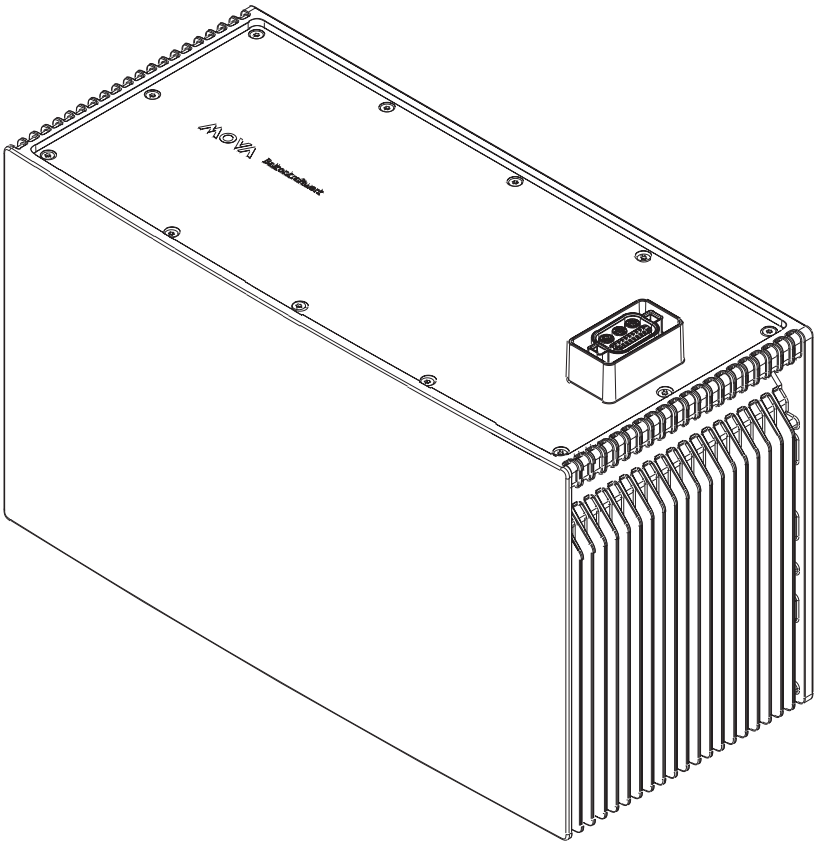
MOVA



LumeGret B4000

Instruction Manual

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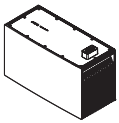
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DISCLAIMER

⚠ This product includes essential printed documentation required for setup and basic usage. Improper use may result in serious injury damage, or property loss. By using this product, you agree to and accept all terms outlined in the product documentation. MOVA is not liable for losses, damages, or injuries caused by misuse or non-compliance.

- Read this document and other related product documentation before any operation.
- The installation of this product must comply with all applicable local regulations, codes, or standards.
- An overcurrent circuit breaker must be installed between this product and the grid.
- When the photovoltaic (PV) array is exposed to light, it supplies direct current voltage to the power conversion equipment (PCE).
- Use insulation tools and wear personal protective equipment when installing, servicing, or maintaining this product.
- Install this product in a tidy, dry, and well-ventilated environment.
- Keep the product out of reach of children and pets. If the product is to be used near children, they should be closely supervised.
- Before making any electrical connections, ensure that any load to be connected (e.g. devices or equipment intended to be powered by this product) is powered off.
- Always pull the plug instead of the cord when disconnecting the product to reduce the risk of damage to the electric plug and cord.
- Do not put fingers or hands into the product.
- Do not expose this product to direct sunlight, rain, and snow.
- Do not expose this product to strong electromagnetic fields to avoid radio interference.
- Do not install or operate this product near flammable, explosive, corrosive,or caustic sources.
- Do not install or operate this product during extreme weather events such as lightning, heavy rain, or strong wind.
- Do not subject this product to severe impacts, vibrations, or drops to prevent physical damage.
- Do not drag, squeeze, step on this product, or throw it into the fire, as there is a risk of explosion.
- Do not use any damaged cords or cables with this product.
- Do not damage, deface, or remove any labels on this product.
- Do not disassemble, repair, or modify this product by yourself for any maintenance or service, contact MOVA Customer Service.
- Do not use any unofficial or unrecommended components and accessories.
- For any replacements, please contact MOVA for further assistance.
- Do not clean the product with flammable or toxic solvents. Wipe it with a dry soft cloth.
- Do not place heavy objects (>40 kg) on the product.

1 Package List



Extended Battery
×1

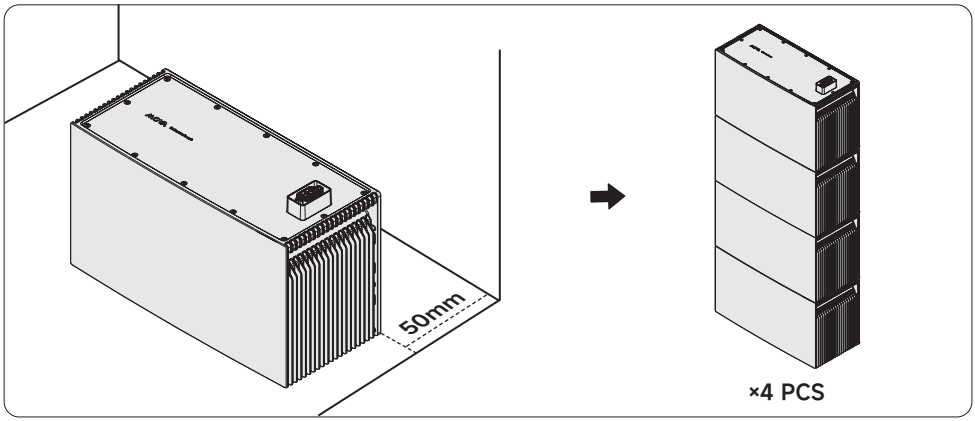


Documents

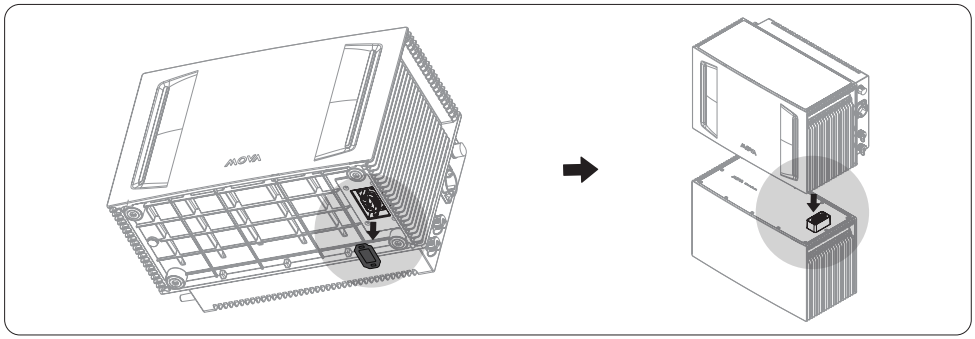
2 Installation

Step 1: Place expansion battery

- Place expansion battery on the bottom, and keep about 50 mm away from the wall.
- Stack all expansion batteries one by one. (Up to 4 Stackable expansion Batteries can be stacked.)



Step 2: Remove the bottom rubber plugs of LumeGret A4000, and stack them at the top of expansion batteries



⚠ **Warning** Make sure that the rubber plugs of the bottom device should not be removed!

Step 3: Power on

▪ Power on the LumeGret A4000. This will automatically activate the connected LumeGret B4000 expansion battery.

▪ Check that the battery status light is illuminated, indicating that the expansion batteries are on.

3 Specifications

Expansion Battery B4000 (Sold separately)

LumeGret B4000 Battery Data

Rechargeable Battery: LFP
Rated Voltage: 51.2V
Rated Power (Single Device): 2000W
Rated Capacity: 4020Wh
Ingress Protection: IP65
Operating Temperature Range: -20~55°C
Warranty: 10 Years
Dimensions: 493*307.7*220mm
Net Weight: 40kg

4 EU Declaration of Conformity

Equipment with Wireless Communication Modules

The equipment with wireless communication modules sold in the European market meets the requirements of the following directives:

▪ Radio Equipment Directive 2014/53/EU (RED)
▪ Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)
▪ Waste Electrical and Electronic Equipment 2012/19/EU
▪ Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No1907/2006 (REACH)

Battery

The batteries sold in the European market meets the requirements of the following directives:

▪ Electromagnetic compatibility Directive 2014/30/EU (EMC)
▪ Battery Directive 2006/66/EC and Amending Directive 2013/56/EU
▪ Waste Electrical and Electronic Equipment 2012/19/EU
▪ Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No1907/2006 (REACH)

5 Warranty Exclusions

In the event of damage related to the causes listed below, no warranty claims will be acknowledged or accepted. Claims that relate to defects that are caused by the following factors are not covered by MOVA's warranty obligations.

1. Can not provide proof of purchase.
2. Force majeure (storm damage, lightning strike, over voltage, fire, thunderstorm, flooding; social causes such as war, turmoil, government intervention, strikes, embargoes, market conditions, etc.).
3. Accidental damage, misuse, abuse, non-compliant use, normal wear and tear, theft, loss, or confiscation.
4. Improper application of electrical supply voltage, current and/or frequency.
5. Improper installation, commissioning, start-up, configuration, or operation (contrary to the guidance detailed in the installation manual supplied with each product).
6. Inadequate ventilation and circulation resulting in insufficient cooling and natural airflow.
7. Modifications to any part of the product.
8. Unauthorized repair attempts.
9. Products whose serial number sticker or imprint has been removed, defaced or tampered with.
10. Products purchased from unauthorized dealers/resellers.
11. Free products/rewards/gifts.
12. Products used outside of the purchasing region, and products that are shipped to areas that are not easily accessible by courier or freight services, such as overseas or remote islands.
13. Cosmetic or superficial defects, dents, marks or scratches, which do not influence the proper functioning of the product.
14. This limited warranty does not cover any battery cell or product containing a battery cell unless you fully charge the battery cell within thirty (30) days of receiving the product and subsequently charge it at least once every 3 months. Failure to do so will void the warranty for the battery cell and coverage for any associated damage or malfunctions. It is preferable to fully charge it within seven (7) days of receiving the product.
15. Our warranties are non-transferable from end user to end user.

Furthermore, this limited warranty and related service will not exceed the original cost of the MOVA product. Please note that these warranty terms and conditions are subject to change without prior notice. The MOVA Support Team reserves the right to make a final determination regarding warranty service eligibility, and to determine the appropriate solution, which may include replacement, repair, or refund, at its sole discretion.

MOVA

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9:00 - 18:00

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