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リープトンエナジー株式会社

Leapton Energy Co., Ltd.

Limited warranty of the Leapton Residential Product Series

1.1 Product Subject to the following detailed terms and conditions, Leapton battery energy storage system ("Product") provides a voluntary product warranty ("Warranty") for the following products:

- EL-A05

1.2 Warranty Coverage

This warranty applies only to newly purchased products that have not been previously installed for any purpose. This warranty is non-transferable unless the product is installed in a building, in which case the warranty will be transferred to any subsequent purchaser of the building or the product, as long as the product remains installed.

2.1 Product Warranty

Leapton provides a 5-year warranty for the Product.

The warranty period starts from the earlier of

- (i) The date of product installation or
- (ii) 180 days after the date of product manufacturing.

2.2 Performance Guarantee

Leapton warrants that the Product will (i) retain seventy percent (60%) of its usable energy for five (5) years from the warranty start date; Or (ii) 6,000 cycles in accordance with normal operating practices in the manual guidelines provided by Leapton, whichever comes first.

If the battery fails, it needs to be declared within two (2) weeks. The battery module damage caused by the battery cannot be charged for a long time due to negligence, it is not within the warranty range.

The warranty applies only under normal operating conditions and when the Product is operated in accordance with the specifications and manuals provided by Leapton.

Capacity Measurement Conditions:

For the purpose of this limited warranty, when the environmental temperature is between 25~28°C, the remaining available energy will be measured and calculated using the following test method and values:

Charging/Discharging Method:

1. Discharge the battery with a constant current until reaching the discharge cutoff voltage.
2. Set the battery aside for 2 hours.
3. Charge the battery with a constant current and constant charging voltage until reaching the termination current.
4. Set the battery aside for 2 hours.
5. Discharge the battery with a constant current until reaching the discharge cutoff voltage. Monitor the current in real-time (if it is a constant current).
6. Calculate the discharge capacity using the formula: Current Capacity = Discharge Time × Constant Current Value.

7. Charge the battery with a constant current and constant charging voltage until reaching the termination current.
8. Measure the current and voltage on the DC side of the battery.
9. If the battery has not been used for 3 months, repeat the above charging/discharging process three times and select the highest capacity as the test result. Note: Allow the battery to rest for 4 hours between each cycle.

Test value list:

Product Model	End of discharge voltage(V)	Constant charge voltage(V)	Constant current(A)
EL-A05	57.6	43.2	5

3.1 Warranty Scope This warranty applies to the following products ("Product") provided by Leapton Battery Energy Storage System, subject to the following terms and conditions:

EL-A05

The use, installation, and handling of the Leapton battery energy storage system must comply with the specifications and guidelines provided in the Leapton Battery Energy Storage System data sheet and installation manual (referred to as "Documents"). Claims arising from faults due to incorrect installation or debugging are not covered by this warranty.

Throughout the warranty period, the Leapton battery energy storage system must be connected to the Leapton monitoring platform. For at least 95% of the warranty period, the Leapton battery energy storage system must be installed in an environment with temperatures ranging from 0°C to 40°C.

The original serial number and rating labels of the product must be intact and legible. The battery should be stored in a dry and clean indoor environment and should meet the following conditions specified for short-term and long-term storage. Avoid exposure to corrosive substances and keep away from fire and heat sources. Short-term: Ambient temperature of -20°C to 45°C, lasting less than 1 month Long-term: Ambient temperature of 0°C to 35°C, lasting more than 1 month

This warranty does not apply to any product that has been fully or partially dismantled or modified, unless such dismantling is performed by Leapton.

1. The operating temperature during the product's operation must not exceed the temperature range of -10°C to 50°C. The product should not be stored at temperatures higher than 50°C, and it should not be exposed to direct sunlight in the installation area. The installation location of the product must have proper ventilation as per the requirements stated in the User Manual and Installation Guide.

2. Any warranty claims under this warranty must comply with the requirements specified in the "Claims Process" section.

3. Upon receiving a replacement product, the product owner must return the alleged faulty components in the same packaging material as the replacement product. Leapton will provide all labels, documents, and shipping details for returning the alleged faulty product. All alleged faulty products must be returned within 10 (ten) working days after receiving the replacement product.

4. Qualified installers must be present during the replacement of the product and subsequent re-commissioning.

3.2 Disclaimer and Warranty Limitations

This limited warranty shall not apply if (i) the buyer breaches the Leapton General Terms and Conditions or any other agreements related to the purchase of Leapton Battery Energy Storage System, or (ii) any defect or poor performance of the Leapton Battery Energy Storage System is caused by any of the following:

- Improper installation, maintenance, or operation of the product in violation of the operating manual, including but not limited to failure to maintain the Leapton Battery Energy Storage System under proper environmental conditions or in any manner contrary to the instructions specified in the documentation.
- Modification, alteration, repair, attachment, opening, or disassembly of the Leapton Battery Energy Storage System without prior written authorization from Leapton.
- Normal wear and tear, or replacement or repair of parts that are part of the regular maintenance or service of the product, or damage limited to surface coatings, varnish, or enamel.
- Exposure of the product to movement or vibration, or temperatures exceeding 50°C or below -10°C after installation.
- Failure to install the product within one (1) month from the start date of the warranty.
- Removal and reinstallation of the Leapton Battery Energy Storage System at a location other than the original installation site without explicit written consent from Leapton.
- Combining the Leapton Battery Energy Storage System with equipment, items, or materials that are not permitted or that violate local regulations and standards as specified in the documentation.
- Damage caused by climate or other environmental factors, foreign object contamination (such as dust, smoke, salt, chemicals, and other impurities), water ingress, exposure to excessive heat or solvents, inadequate ventilation as specified in the operating manual (especially the maximum temperature limit), exposure to strong vibrations, exposure to strong magnetic fields, or damage caused by events of force majeure.
- The limited warranty does not cover cosmetic or surface defects, dents, markings, or scratches that do not affect the normal operation of the Leapton Battery Energy Storage System.
- External influences, including abnormal physical or electrical stresses (power surges, surge currents, lightning, floods, fires, accidental breakage, etc.).
- Product defects caused by updates to national or regional laws or regulations.
- Failure to report product failures to Leapton's authorized service partners within two (2) weeks after occurrence.
- Misuse, abuse, negligence.
- Improper on-site preparation or maintenance or improper installation.
- Accidents or other events of force majeure, such as (but not limited to) floods, earthquakes, fires, power surges, lightning, pests, corrosion, third-party actions, direct exposure to water or other substances, or events beyond Leapton's reasonable control or under non-standard operating conditions.
- Changes in national or regional laws, regulations, or directives.

- If the energy storage battery is damaged due to over-discharge from long periods of inactivity, it will not be covered under the warranty. Users should regularly maintain and check the battery to ensure its charge remains within a safe range to prevent over-discharge. The manufacturer will not be responsible for warranty claims if the battery is damaged due to over-discharge caused by the user's failure to maintain it as required.

4.1 Replacement or repair

In case of defects in manufacturing or materials, Leapton will, at its sole discretion, choose to repair or replace the product or any part thereof, in accordance with the following provisions.

Leapton will make efforts to replace any product under this warranty with a product of the same appearance, dimensions, and functionality on a like-for-like basis.

The replacement product may not be brand new but will meet the quality and specifications of the product. If this is not feasible due to technological advancements, Leapton will provide an alternative product of at least equal value and standards, even if it may have different dimensions, shape, color, and/or capacity.

If a product is replaced during the warranty period, the remaining warranty period will automatically transfer to the replacement product.

The end user will not be charged any reasonable expenses related to filing a warranty claim under this warranty, including warranty processing fees, costs of replacement parts, and shipping fees. Leapton may reimburse necessary and reasonable costs or expenses incurred in connection with valid warranty claims made under this warranty, subject to providing written evidence to support such claims.

This warranty does not cover:

- This warranty does not cover any expenses incurred by the end user or installers for normal or routine maintenance of the product.
- It also does not cover any other expenses such as transportation costs (except for the cost of delivering replacement parts or products under this warranty to the original buyer), travel and accommodation expenses for on-site support personnel, etc.
- It does not cover any property damage, personal injury, direct or indirect losses, or any consequential losses or other expenses arising from a breach of this warranty, as prohibited by applicable laws.
- Any expenses incurred in filing a warranty claim that are deemed invalid under this warranty are not covered.

5.1 Obtaining Warranty Performance

If the customer has a justified claim covered by this "Limited Warranty of Battery", an immediate notification shall be filed in writing to (a) the vendor or (b) Leapton Energy's authorized distribution partner, who supplied affected modules, or (c) Leapton Energy office. Together with the notification, the customer should enclose the evidence of the date on which the modules have been purchased. If applicable, the vendor or distributor will give advice on the processing of the claim. If more assistance is required, the customer may request guidance from Leapton Energy in writing. The return of any modules will not be accepted unless prior written authorization has been given by Leapton Energy.

Obtain Leapton Energy customer service:

E-mail: info@leaptonenergy.com

No.9, Sunshine Avenue, Changshu, Jiangsu, China

6.1 Disputes

In any form, in the event of a dispute that has occurred for more than one year, the customer shall not make any dispute regarding this limited warranty