

# Terms of Warranty

## 1. LIMITED WARRANTY COVERAGE

The PYTES<sup>1</sup> Lithium Iron Phosphate Batteries Pi LV1, including specific configurations listed below,

Pi LV1-1

Pi LV1-2

Pi LV1-3

Pi LV1-4

Pi LV1-5

Pi LV1-6

as supplied and distributed by PYTES and its authorized distributors are warranted by Shanghai PYTES Energy Co., Ltd against manufacturing defects in materials and workmanship.

Within Australia, the limited warranty period begins on

- (i) the manufacturing date plus 6 months or
- (ii) the date the Covered Product is activated at the Original Location by PYTES certified installers (such applicable date referred to herein as the “Warranty Activation Date).

Whichever comes first and ends on (iii) 10 years from the warranty activation date; or 6000 cycles, 90% DOD<sup>2</sup>@77°F/25°C ret 70%. The precondition of the valid Limited Warranty is the ambient temperature during the operation of the Subject of the Warranty must not fall below 14°F/-10°C or exceed 131°F/55°C;

The warranty covers the repair or replace of a defective product and the repaired or replaced product will continue the original remaining warranty period. In either case it shall not justify as a renewal of the warranty period.

To be eligible, all PYTES Products must be installed as per the guidelines given in the V Series manual and installation guide provided with the battery pack.

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<sup>1</sup> Shanghai Pytes Energy Co., Ltd. No. 3492, Jinqian Road, Fengxian District, Shanghai, 201406 China

<sup>2</sup> Recommended SOC Range=10-100%.

PYTES Battery Model	Energy Retention <sup>3</sup>	Minimum Energy Throughput (MWh)
Pi LV1-1	70% at years following warranty activation date	6000 cycles or 19.35MWh of aggregate throughput <sup>4</sup>
Pi LV1-2		6000 cycles or 38.7MWh of aggregate throughput <sup>5</sup>
Pi LV1-3		6000 cycles or 58.05MWh of aggregate throughput <sup>6</sup>
Pi LV1-4		6000 cycles or 77.4MWh of aggregate throughput <sup>7</sup>
Pi LV1-5		6000 cycles or 96.75MWh of aggregate throughput <sup>8</sup>
Pi LV1-6		6000 cycles or 116.1MWh of aggregate throughput <sup>9</sup>

**Capacity measurement condition:**

Ambient temperature: 77 °F /25 °C

Charge / Discharge method:

1. Discharge the battery with Constant current until the battery reach End of discharge voltage or battery self-protection automatically.
2. Lay aside the battery for 10mins.
3. Charge the battery with Constant current and Constant charge voltage until reach the Cut off current or battery self-protection automatically.
4. Lay aside the battery for 10mins.
5. Discharge the battery with Constant current until reach End of discharge voltage or battery self-protection automatically. Calculate discharged capacity. Monitor current timely. (If it's constant current)
6. Current Capacity = Discharge time × Constant current value.
7. Charge the battery with Constant current and Constant charge voltage until reach the Cut off current or battery self-protection automatically.

<sup>3</sup> Expressed as a % of 5.12 kWh rated capacity.

<sup>4</sup> Measured at the battery DC output

<sup>5</sup> Measured at the battery DC output

<sup>6</sup> Measured at the battery DC output

<sup>7</sup> Measured at the battery DC output

<sup>8</sup> Measured at the battery DC output

<sup>9</sup> Measured at the battery DC output

## 8. Current and voltage measurement at battery DC side.

## Test value list:

Battery Model	End of discharge voltage(V)	Constant charge voltage(V)	Constant current(A)	Cut off current(A)
Pi LV1-1	45.5	56.8	50	5
Pi LV1-2			100	10
Pi LV1-3			150	15
Pi LV1-4			200	20
Pi LV1-5			200	20
Pi LV1-6			200	20

This Limited Warranty applies only to the Product<sup>10</sup> (a) purchased from PYTES or an authorized distributor/reseller/installer (b) and properly installed by a licensed professional installer; (c) and is installed in Australia. This Limited Warranty does not cover faults in design or installer error such as, but not limited to, reverse polarity or misuse of system wide equipment or inaccurate programming of all auxiliary equipment in your system.

The liability of PYTES under this Limited Warranty shall be limited to the repair or replacement of the Product, at our sole discretion. PYTES will not be responsible for any other types of losses or costs of any type pertaining to the use of its products. If the PYTES product is found to be defective as a result of any manufacturing defect in materials and workmanship during the Limited Warranty Period, PYTES will either (i) repair the Product, (ii) replace the Product. (ii) Replace the Product with a similar PYTES Product (iv) will credit the remaining depreciated value of the Product to be applied to the purchase of a new PYTES Product. If a PYTES Product is replaced, the defective Product will become the property of PYTES and must be returned to PYTES.

## 2. Remedies

If the Product fails to comply with the above Limited Warranty, PYTES will, in its sole discretion, either repair the Product (using new or refurbished parts), replace the Product with an equivalent product (new or refurbished), or refund you the market price of an equivalent product at the time of the warranty claim, and PYTES will not bear the cost of shipping. If the Product is repaired or replaced under this Limited Warranty, PYTES will bear the shipping cost of returning the Product to the warehouse of original purchaser and the remainder of the original warranty period will apply to the repaired or replacement product. Under no circumstances will the original warranty period be extended as a result of the Product being repaired or replaced. If the Product is failed during transportation and need to be replaced, PYTES will not bear the cost of

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<sup>10</sup> The battery pack manufactured by PYTES

shipping or repairing.

### 3. Exclusions of Warranty

This Limited Warranty does not apply to any defect or energy capacity shortfall resulting from any of the following, each of which may result in your Limited Warranty being voided:

- 1) Abuse, misuse, negligence, accidents or force majeure events, including but not limited to lightning, flood, earthquake, fire, extreme cold weather, or other events outside the reasonable control of PYTES.
- 2) Storage, installation, commissioning, modification or repair of the Product, or opening of the external casing of the product, that is performed by anyone other than PYTES or a PYTES certified partner.
- 3) Failure to operate or maintain the product in accordance with the User Manual.
- 4) Any attempt to modify the product, whether by physical means, programming or otherwise, without the express written consent of PYTES.
- 5) Removal and reinstallation of the product at a location other than the original installation location, without the express written consent of PYTES.
- 6) Inverter or charger failure.
- 7) Transportation, including but not limited by dropping, trampling, deforming, impacting, or spearing with a sharp item.
- 8) The Product has been connected with different type battery modules.
- 9) The product has been disassembled without permission from either PYTES or an authorized reseller with the QC label on battery being damaged.
- 10) Defects caused by water, conductive dust, or corrosive gases.
- 11) The Product is installed other than a fix installation of battery energy storage system.

**In addition, this Limited Warranty does not cover:**

- 1) Normal wears and tear or deterioration, or superficial defects, dents or marks that do not impact the performance of the Product.
- 2) Noise or vibration that is not excessive or uncharacteristic and does not impact the product's performance.
- 3) Damage or deterioration that occurs after the expiration or voiding of the warranty period.
- 4) Theft of the Product or any of its components.
- 5) Accessories or tool kit items provided along with the Product.

### 4. General Provisions

This warranty is subject to the law of the location of Shanghai Pytes Energy Co., Ltd.

If any provision in this document is unenforceable, illegal or void or makes this

document or any part of it unenforceable, illegal or void, then that provision is severed and the rest of this document remains in force.

If any provision in this document is unenforceable, illegal or void in one jurisdiction but not in another jurisdiction or makes this document or any part of it unenforceable, illegal or void in one jurisdiction but not in another jurisdiction, then that provision is severed only in respect of the operation of this document in the jurisdiction where it is unenforceable, illegal or void.

## 5. Consumer Protection Law<sup>11</sup>

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Some countries or jurisdictions may not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. These governmental entities may provide for additional warranty rights and remedies, and the provisions contained in this Limited Warranty are not intended to limit, modify, take away from, disclaim or exclude any mandatory Warranty requirements provided by these jurisdictions, including certain implied Warranties. This Limited Warranty gives you specific legal rights, and you may also have other rights that vary based upon location.

Your acceptance and use of the PYTES Product constitute acceptance of the terms, conditions, and limitations of this Limited Warranty. The terms, conditions and limitations of this Limited Warranty will supersede any other agreement or document relating to the subject matter hereof, including, but not limited to, the terms and conditions that are part of a purchase order covering the PYTES Product or other document sent to PYTES by you relating to the PYTES Product.

If you acquire the Product from an Authorized Reseller in Australia and the Consumer Law applies, the Product comes with guarantees that cannot be excluded under the Australian Consumer Law (ACL). Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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<sup>11</sup> Local Laws

## 6. Claims Process

In order to make a claim under this Limited Warranty, please contact the PYTES authorized distributor/installer/reseller who sold you the Product. If you fail to reach authorized distributor/installer/reseller who sold you the Product, or if you purchased the Product directly from PYTES, you should contact PYTES at the address, email address or telephone number mentioned below. For a warranty claim to be processed, it must include (i) proof of the original purchase of the Product and any subsequent transfers of ownership, (ii) a description of the alleged defect(s), and (iii) the Product's serial number and original installation date. Prior to returning any Product to PYTES, you should obtain an RMA (Return Merchandise Authorization) number either through PYTES authorized distributor/installer/reseller who sold you the Product or PYTES

To make a claim to Pytes directly, please contact

Address: No. 3492, Jinqian Road, Fengxian District, Shanghai, China.

Post Code: 201406

Telephone: +86 21 5747 5852

Email: [ess\\_support@pytesgroup.com](mailto:ess_support@pytesgroup.com)

Website: <https://www.pytesgroup.com/>

To make a claim to local responsible reseller (K2 Battery Pty Ltd), please contact

Address: 12A Redland Drive, Mitcham VIC 3132 Australia

ABN: 11 677 240 416

Post Code: VIC 3132

Telephone: +61 431 440 390

Contact person and position: Gary White, CEO

Email: [gary@k2battery.com.au](mailto:gary@k2battery.com.au)

Website: [www.k2battery.com.au](http://www.k2battery.com.au)

EESS registration number: E20096

After receiving the RMA number, you must pack the Product authorized for return, along with the information described above, in the original PYTES Product shipping container or packaging providing equivalent protection. And you only need to bear the shipping cost of returning the Product to the warehouse of original purchaser. PYTES is not responsible for shipping damage caused by an improperly packaged Product, the repairs this damage might require, or the cost of these repairs.