

# WARRANTY



# Energy Storage System For Home

PowerCube 2.0 -V1.5

This warranty applies to PowerCube 2.0 Mini 4.8kWh, PowerCube 2.0 7.2kWh and PowerCube 2.0, 9.6kWh, PowerBox DC purchased and installed in Australia.

## Limited Warranty

Trina Energy Storage Solutions (Jiangsu) Co., Ltd. ("herein referred to as Trinabess") provides a **10 year Battery Performance and Capacity Warranty** for your PowerCube 2.0 energy storage product covering the Lithium Ion cells contained within, when installed and used in a manner described within this document. All other system components carry a 5 year Limited Warranty.

Note that these Limited Warranties (including their duration) are subject to a number of important prerequisites, exclusions and limitations that are set out in detail below.

Limited Warranties shall commence on the date the customer is invoiced for the product.

**THE LIMITED WARRANTIES DESCRIBED WITHIN THIS DOCUMENT GIVE YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE FURTHER LEGAL RIGHTS AND REMEDIES UNDER AUSTRALIAN LAW**

## 10 Limited Warranty on Battery Performance and Capacity

The Battery Performance and Capacity of the Trinabess PowerCube 2.0 is warranted to perform to minimum energy throughput and capacity specifications or for a period of 10 years, whichever occurs first. Battery Capacity is depleted with usage over time due to the Normal Degradation of the Lithium Ion battery cells which is accommodated by this Limited Warranty, and quantified by the statements below. This Limited Warranty is conditional on the following:

- Discharge current not exceeding the name plate capacity divided by  $0.048 \times 0.5$  Amps.
- The battery is never discharged below 90% of its remaining capacity
- Operating outside the ambient temperature range (does not exceed 0°C and 40°C)
- Cannot be installed at a location that will be exposed to temperature of more than 50°C
- Being installed and operating in conjunction with a suitable inverter that can interface with and be controlled by the PowerCube 2.0's Battery Management System

- Being installed as per the Trinabess Installation and Maintenance manual current at the time of purchase.

### **Battery Performance and Capacity is warranted as follows:**

- Battery capacity is warranted to be at least 60% of name-plate capacity after 10 years, or after a total energy throughput of 2339kWhr per kWh of name plate capacity, whichever occurs first.

These figures are quantified in absolute terms for each model of PowerCube 2.0 and set out in the Table 1 at the end of this document.

### **Other Inclusions**

In addition to the warranted Battery Performance and Capacity detailed above, Trinabess also warrants that the PowerCube 2.0 shall be free from defects in design, material and workmanship, while warranting that the product conforms to the applicable specifications for a period of 5 years.

### **Remedies**

Trinabess will, at its sole discretion, either repair the malfunctioning Product(s) at no charge or replace the defective Product(s) or part thereof with new or remanufactured equivalent(s) at no charge. In either case Trinabess shall bear all insurance and product transportation charges (except air freight), customs clearance and any other costs for shipping the repaired or replaced Product(s) to the Buyer. The costs and expenses for the removal, installation or reinstallation shall remain with the Buyer.

The warranty period for replaced or repaired Product(s) will be the remainder of the warranty from the commencement of the original PowerCube 2.0 Limited Warranty date.

### **Specific Exclusions**

This warranty shall not cover defects or non-conformities in the PowerCube 2.0 which are caused by normal wear and tear, inadequate maintenance, transportation, storage or faulty repair, misuse, neglect, accident or abuse, unauthorised modification or repair to the PowerCube 2.0, failure to observe the maintenance or operating instructions provided by Trinabess, improper

installation, operation in ambient temperature ranges exceeding 0°C and 40°C, or installation in corrosive environments.

The warranty shall not apply to defects caused by external influences including unusual physical or electrical stress (power failure surges, lightning, flood, fire, accidental breakage), which are not the responsibility of Trinabess.

Trinabess shall not be responsible or liable in any way to the Buyer for any non-performance or delay in performance under this Limited Warranty due to occurrences of force majeure such as, war, riots, strikes, unavailability of suitable and sufficient labour, material, or capacity, or technical, or yield failures and any unforeseen event beyond its control, including, without limitation, any technological or physical event or condition which could not reasonably be known or understood at the time of the sale of the Product(s), or the notification of the claim under this Limited Warranty.

Except as herein expressly stated, there are no warranties or conditions, express or implied, by operation of law or otherwise, for any subject of the warranty thereof furnished hereunder. The parties agree that the implied warranties of merchantability and fitness for a particular purpose and all other warranties and/or guarantees, express or implied, are excluded from this transaction and shall not apply for the subject of the warranty. In no event, shall Trinabess be liable for any special, incidental or consequential damages of any nature whatsoever for any reason (including, without limitation, lost profits, loss of use, loss of equipment or loss of revenues) regardless of the legal theory on which any such claim may be made, even if advised of the possibility of such damages.

**Table 1**

	PowerCube 2.0 Mini	PowerCube 2.0	
Battery name-plate Capacity in kilo-Watt Hours (kWh)	4.8kWh	7.2kWh	9.6kWh
Maximum Discharge Current in Amps (A)	50A	75A	100A
Minimum Energy throughput for the life of the battery with Warranted 60% capacity remaining	11.23MWh	16.84MWh	22.45MWh



[www.trinaenergystorage.com](http://www.trinaenergystorage.com)

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