RCT Power Limited Warranty for Battery (for AU)

This Warranty is applicable only in Australia for RCT Power Lithium- ion batteries (Power Battery 5.0, Power Battery 7.5, Power Battery 10.0, Power Battery 12.5, Power Battery 15.0).
This warranty only applies when the products are purchased from an authorized reseller and installed by an installer who is certified by RCT Power.

Warranty

The Battery usage must comply with the operating conditions under the specification and the installation manual supplied by RCT Power and then RCT Power warrants that the Products are free from defects in material and workmanship within a period of 10 years (120 months) from the date of installation or ten years and six months (126 months) from the manufacturing date, whichever comes first, for free of charge. 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.

1)10 Year Limited Performance Warranty for any new Battery installed on and after 1st Apr 2025

The performance warranty guarantees that the Battery maintains at least 70% of the initial Battery's Capacity over the period of ten years (120 months) from the installation date or ten years and six months (126 months) from the manufacturing date or for a Minimum Throughput Energy as per the table below, whichever comes first, in the below application scenario:

Application scenario	**Energy Retention**	**Operating Limitation**
Daily self-consumption[1], and backup[2].	70% at 120 months following initial installation date or 126 months from the manufacturing date	Unlimited cycles
Any application not listed above, or any combination of applications that includes one not listed above	70% at 120 months following initial installation date or 126 months from the manufacturing date	See: Cumulative Discharging Energy Throughput table

1. Daily self-consumption: Storing energy generated by an onsite solar array or the grid, and using that stored energy for daily self- consumption.

2. Backup: Storing energy generated by an onsite solar array or the grid, and using that stored energy as backup power.

Cumulative Discharging Energy Throughput table:

Product Model	**Nominal Energy (kWh)**	**Cumulative Discharging Throughput Energy (MWh)****
Power Battery 5.0	5.0	13.12
Power Battery 7.5	7.5	19.68
Power Battery 10.0	10.0	26.24
Power Battery 12.5	12.5	32.80
Power Battery 15.0	15.0	39.36

**Measured at the battery output at inverter side, under the standard capacity test conditions (See Appendix)

*This Limited Warranty is the only version effective for any new Battery (as defined above) installed on and after Apr 1st, ,2025, unless a newer limited warranty is subsequently posted.

(2) A warranty claim exists if the accumulator or a single storage module is defective within the warranty period. The accumulator is "defective" in the meaning of this warranty if its capacity falls below 80% of its nominal capacity at 25°C battery temperature according to the datasheet associated with the product. Inverter and other loads are not connected to the accumulator. (see Appendix 1 for conditions capacitance measurement).

(3) In the event of a warranty claim, the end customer may request that the guarantor compensates the current value of the defective accumulator (fair value compensation guarantee). In the first 2 years from the date of initial installation of the product, the guarantor will compensate 100% of the gross purchase price of the accumulator less any discounts and tax refunds, etc. For the further 8 years of the total 10 years warranty period, the guarantor will compensate the time value of the accumulator.

(4) The time value of the accumulator is calculated after 2 years have expired from the date of the first installation of the product. It is based on an annual straight-line depreciation assumed over the period of a further 8 years. The initial value of the fair value calculation is 8/10 or 80% of the base price according to point B (5). The average annual depreciation over the period is 1/10 or 10%.
Class 1: 100 % up to the end of the 24th month
Class 2: 75 % between the 25th and 36th month
Class 3: 65% between the 37th and 48th month
Class 4: 55% between the 49th and 60th month
Class 5: 45 % between 61st and 72nd month
Class 6: 35% between the 73rd and 84th month
Class 7: 25 % between the 85th and 96th month
Class 8: 15 % between the 97th and 108th month
Class 9: 5 % between 109th and 120th month
No time value compensation is provided from the 121st month.

(5) The net sales price of the accumulator (excluding storage electronics/switch cabinet and other peripherals) according to the invoice issued to the system owner (less any discounts and tax refunds) is used as the basis for the time value compensation calculation. The guarantor reserves the option to provide product replacement in the event of a warranty claim.

(6) Optionally, the warrantee can request the replacement of the accumulator within the first 2 years from the first installation of the product. For this purpose, the guarantor may replace the accumulator step by step with an accumulator of the same type and quality in exchange for the defective accumulator. If the products are no longer on sale, RCT Power may, at its discretion, replace them with a product with the corresponding scope of functions and services. Alternatively the guarantor can refund the remaining price of the products written off annually during the warranty period in accordance with (4).

Warranty limitations and exclusions

The warranty is independent of the guarantee obligations of the sales contract between vendor the end customer and leaves these unaffected.

(1) Any claims of the warrantee are excluded in the following cases:

a) Improper use

b) Installation that is not appropriate or professional or is non-standard. Installation that does not comply with the Installation instructions and guides provided by the guarantor

c) Unprofessional and/or improper operation or operation contrary to the operating instructions and guides of the guarantor.

d) Operation without or with defective protection systems

e) Warrantee has stored the Li-ion accumulators for more than three months with a state of charge (SOC) < 40%

f) Unauthorized modifications or repairs of any kind without a specifically trained electrician

g) Use of spare parts and accessories which do not correspond to the original specifications of the guarantor

h) Removing, damaging or destroying of any seals and/or type plates that have been applied by the guarantor

i) Damage caused by exposure to foreign bodies and force majeure

j) Failure to comply with the relevant safety regulations

k) Transport damage

l) Lightning strike

m) Culpably omitted software updates

n) Products have not been installed in an interior room (in the building)

o) The ambient temperature has exceeded or fallen below the product's permitted range of -10°C to 40°C

p) The storage temperature has exceeded or fallen below the product's permitted range of -20°C to 45°C.

q) 3500 complete charge and discharge cycles had been exceeded. For the purposes of this warranty, a "complete charge and discharge cycle" is defined when after the extraction of the total usable capacity of the batteries of an RCT Power System these are subsequently recharged to full charge. "Partial cycles" are the quantities of charge converted up to a change of sign of the current if a full charge is not achieved. A complete charge and discharge cycle is accomplished e.g. at the following charging and discharging cycles when...

- the battery has been completely charged and discharged once
- or the battery has been completely charged twice and discharged to SoC 50% twice
- or the battery has been charged twice from a state of charge of SoC 30% to SoC 80% and discharged back to the initial state of charge

r) The cumulative energy throughput per usable kWh within 10 years of the initial commissioning is greater than 3,500 kWh

(2) Any further claims against the guarantor, in particular claims for damages for lost profit, assembly costs for installation and removal and transport (return and delivery) are excluded.

(3) The total liability of the guarantor under this warranty is also limited to the amount of the net sales price that the end customer has paid for the product as shown on the invoice.

Contact Information of RCT Power

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Appendix 1

Conditions Capacitance Measurement

Ambient temperature 25°C ±3°C

Charge / Discharge method

I. Discharging the battery with constant current of 5A until discharge voltage is reached

II. 10 minutes rest period for the battery

III. Charging the battery with a constant current of 5A and a constant voltage up to the final charging current of 0.5A.

IV. 10 minutes rest period for the battery

V. Discharging the battery with constant current of 5A until discharge voltage is reached. capacity.

VI. Calculation of the discharge capacity. The capacity is calculated as follows: Discharge time x Discharge current

Test value list:

Product Model	**End of discharge voltage (V)**	**End of charge voltage (V)**	**Constant current (A)**
Power Battery 5.0	145.4	165.6	5
Power Battery 7.5	218.2	248.4	5
Power Battery 10.0	290.9	331.2	5
Power Battery 12.5	363.6	414.0	5
Power Battery 15.0	436.3	496.8	5

We wish you continued enjoyment with the RCT Power products.