

Warranty Certificate for Network Power Batteries

INDEPENDENT POWER

GNB Industrial Power a division of Exide New Zealand, Ltd

In the following called "GNB", confirm the following warranty terms and conditions to:

For the battery range: SONNENSCHN A600 Solar:

The warranty starts from the date of delivery.

Sonnenschein	A600 SOLAR 2 volt Cells
Service Life*	180 months
Full Warranty Period	24 months
Pro-Rata	60 months

* Service life within optimum applications and operating conditions

Operation Mode: Standby parallel operation

Discharge: Max Once Per day

Discharge Current: Nominal current

DOD: 25% depth of discharge, with the average temperature during discharge of 25°C. Max 80% of C₁₀ capacity.

Deep discharges: To 1.80VPC must be limited to twice per year and the batteries must be fully recharged within two days of such discharge.

Float Voltage: In accordance with the operating instructions

Operating temperature: 20°C ± 2°C

AC Ripple: Not to exceed 5A/100ah

1. Preconditions of Warranty

The warranty is applied if the battery supplied by GNB is used in accordance with the operating instruction's but the battery capacity is less than 80 % of the nominal capacity at the nominal temperature when tested in accordance with IEC 896-2 due to defects in materials or manufacturing faults within the agreed warranty period:

The usage of the batteries in accordance with the operating instructions requires.

- That the battery should have been operated at an average yearly temperature of 20°C ± 2°C
- That the battery was not strained with more than 1 discharge per day.
- The battery is suitable for the application and installed correctly.
- Warranty claims must be substantiated with proof of underperformance.
- Date of commissioning as well as the necessary inspections and maintenance in accordance with the operating instructions are documented in a written form.

2. Scope of Warranty

The decision to repair or to replace defective parts will be at GNB's discretion.

GNB is not accountable for any field related works or associated cost, the reimbursement of any additional cost or claims is specifically excluded. This warranty is provided on a return to base basis.

3. Enforcement and Settlement

For any claim within the agreed warranty period, the claimant has to inform GNB immediately about the defect and provide exact details on the findings. Parties will agree next actions mutually.

GNB will only compensate cost for returning the battery if the return has been required by GNB.

4. Pro-Rata Warranty

If there is an agreement for a pro-rata warranty after the warranty period, it will only apply if the customer will purchase a new battery of the same product range from GNB.

The customer will get a crediting, when purchasing the new battery, which will be calculated as follows:

$$C = (P \times M) / OW$$

C = Crediting for unused warranty time (NZD)

P = Original net buying price (NZD)

M = Number of unused months (months)

OW = Overall warranty time (months)

These are all net prices.

5. Exclusion of Additional Claims

There is no right for any additional claims other than those mentioned in this warranty certificate.

6. Miscellaneous

This manufacturer's warranty has been given voluntarily. Warranty accomplishments do not cause prolongations of the warranty term and do not start a new period.

Exide New Zealand Ltd

Name / signature

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