



LIMITED WARRANTY CERTIFICATE FOR SOLAR PHOTOVOLTAIC MODULE

Yancheng Runda PV Co., Ltd. (" Runda ") will guarantee the performance of the solar modules in accordance with the provisions of this LIMITED WARRANTY.

This LIMITED WARRANTY is applicable to the following product series: TOPCon Single Glass Modules and TOPCon Bifacial Dual Glass Modules.

Includes the following models:

RSXXXS8-108GANT/RSXXXS8B-108GANT, RSXXXS8-120GANT/RSXXXS8B-120GANT, RSXXXS8-132GANT/RSXXXS8B-132GANT, RSXXXS8-144GANT/RSXXXS8B-144GANT, RSXXXS8R-96GANT/RSXXXS8RB-96GANT, RSXXXS8R-132GANT/RSXXXS8RB-132GANT, RSXXXS9-132GANT/RSXXXS9B-132GANT.

1. Effective Date of Limited Warranty

The warranty will take effect 90 days from the date of completion of manufacture of the product or the date of shipment of Runda, whichever is earlier.

2. Product Limited Warranty -Repair and Replace within 15 years.

Subject to the terms and conditions of this Limited Warranty, Runda warrants to the Customer for a period of fifteen(15) years following the Warranty Start Date (hereinafter referred to as "Limited Product Warranty Period") that the Modules , when installed, used, and serviced under normal operating conditions and in accordance with the Runda module installation manual and product technical specifications, to be free from any defects in design, materials, workmanship or manufacturing that have a negative effect on the functioning of the Modules. If the PV module product fails or becomes ineffective due to material or technological defects within 15 years after the beginning of the warranty, after verification and confirmation by an independent testing institution agreed upon by Runda and the customer, Runda will choose to repair or replace the defective module. The remedy for repair or replacement shall be the sole and exclusive remedy provided under this Limited Product Warranty. This "Product Limited Warranty" does not involve power output guarantees, which is specifically described in Part 3, "30 Year Limited Performance Warranty ".

3. 30 Year Limited Performance Warranty

Subject to the terms and conditions of this Limited Warranty, RUNDA provides to the Customer a Limited Peak Power Warranty with a term of 30 years from the Warranty Start Date ("Limited Peak Power Warranty Period"):

- a) From the first year of sale, the nominal output power of the module is not less than 99% of the product of the nameplate output power of the module and the minimum value of the module tolerance.
- b) From year 2 to year 30, the actual power degradation will be no more than 0.4% in each year; By the end of year 30, the nominal output power of the module is not less than 87.4% of the nameplate output power of the module's maximum peak output and the minimum of the module tolerance.

Description: the output power is the power of the PV module under standard test conditions (STC). The standard test conditions (STC) are as follows: (a) spectral AM1.5,

(b) light intensity 1000W/m^2 , (c) temperature $25\pm 2^\circ\text{C}$. The test condition is based on the IEC61215 and IEC61836 components, the actual output power measurement is in the factory or by Runda approved third party inspection agency, the test uncertainty of 2 sigma (P_{mpp}) less than 2.7% which should be added to the actual power test calculation to eliminate the test error between different measuring devices.

If during the warranty period, the power output is lower than the actual module commitment power, by Runda confirmed, Runda will provide additional modules to customers in order to compensate for the loss of power, or maintenance and replacement of faulty components to eliminate power loss, or loss of power to customers of the corresponding economic compensation, the specific way by Runda to decide, but the attenuated power during the period used will be deducted.

Compensation for underpower of modules(see below):

Type 1: P_{nc} - compensation for insufficient module power in N;

P_{nt} - module theoretic minimum output power of N;

P_{na} - actual output power of modules for year N;

Δt - absolute value of minimum tolerance of nameplate;

$$P_{nt} = [99\% - 0.4\% * (N-1)] * P_m * (1 - \Delta t)$$

Note: P_m is the nominal output power of the product in the Runda product data sheet.

The P_{na} is to test the actual power output of the Nth year component under standard test conditions (STC) at the Runda or a third party testing institution approved by Runda.

4. Exclusion and Limitation

(1) In any case, the claim shall be submitted in writing to Runda or Runda's authorized distributor within the warranty period and shall not exceed the last day of the aforesaid warranty period.

(2) The Limited Product Warranty and the Limited Peak Power Warranty do not apply to modules that:

- ◆ Misuse, abuse, negligence, vandalism or accident;
- ◆ Unauthorized transformation, improper installation or improper application; ;
- ◆ Fail to comply with Runda's installation and maintenance instructions;
- ◆ Repair or refit by other technical service personnel without approval of Runda;
- ◆ Power failure, lightning, flood, fire, accidental breakage or other circumstances beyond Runda's control.

(3) Neither "Product Limited Warranty" nor "30 Year Limited Performance Warranty " indemnify the modules for any shipping costs, customs clearance or return of any other modules, or for any repair or replacement of a module, or for installation, removal or reinstallation of a module.

5. Warranty scope definition

The guarantee clauses of this limited warranty expressly exclude and replace all other

express or implied guarantees, including but not limited to the guarantee of marketability, the guarantee of suitability for special purpose, special purpose and application, and other obligations or responsibilities undertaken by Runda, unless agreed in writing and approved by Runda for such obligations and responsibilities. Runda is not responsible for any other losses and injuries related to the modules, including but not limited to module defects or improper installation, use of property or personal injury, or any other causes. Under any circumstances, Runda shall not be liable for compensation for accidental, indirect, incidental or special losses regardless of the cause. Loss, loss of profit, loss of production, or loss of income caused by the unavailability of the product are clearly excluded here. The total compensation (if any) of Runda in any damage or other circumstances will not exceed the invoice price of a single solar module paid by the customer.

6. Guarantee performance

If the customer has legitimate claims in compliance with the essential warranty, he should immediately post it in a written registered letter to the address of Runda listed below, or send an email to the email address listed below to notify Runda directly. Together with this notice, the customer should also provide evidence of the claim and related module serial numbers and module purchase date, transportation storage and application installation and other related information. The invoice with the date of purchase, purchase price, and module type stamped or signed by Runda or its distributor shall be provided to Runda together. If the modules are to be shipped back to Runda for testing, repair or replacement, Runda will provide the customer with a product return authorization letter. In the absence of a product return authorization letter, Runda will not accept returned modules.

7. Disputes

For any disagreement on warranty claims, the experimental institutes recognized by both parties will participate in the final judgment of the claim. All costs and expenses will be borne by the losing party, unless otherwise agreed. The final interpretation right of this warranty belongs to Runda, and its applicable law is the relevant legal provisions of the country where the product is manufactured; if there is any discrepancy between the Chinese and English interpretations, the Chinese version shall prevail.

8. Changes

The repair, replacement of modules or the provision of additional modules will not cause the new warranty period to be recalculated, nor will it lead to the extension of the warranty of the essential warranty. Any replaced modules should be owned by Runda. If Runda has stopped producing problematic modules when the claim occurs, Runda can choose to provide other models of photovoltaic modules (different sizes, colors, shapes or power), whether it is a new brand or an original brand.

9. Transferability

The terms of the warranty will cover the final product user, and it can be transferred to any



subsequent owner if the module installation location has not been changed and there is a proven succession or transfer relationship.

10. Separability of clauses

If any part or any clause of the essential warranty is found to be invalid, invalid or unenforceable, or the application of such part or clause to certain persons or under certain circumstances is found to be invalid, invalid or unenforceable, such Circumstances do not affect the validity of any other parts or clauses of the essential warranty or the application of the essential warranty. In this case, the other parts or clauses of the essential guarantee or the applicability of the essential guarantee shall be regarded as independent and effective.

11. Force majeure

Runda shall not be responsible or liable in any way to the purchaser or any third-party arising from any non-performance or delay in performance of any terms and conditions of sale, including this "Limited Warranty for SPV Module", due to acts God, war, riots, strikes, unavailability of suitable and sufficient labor, material, or capacity or technical or yield failures and any unforeseen event beyond its control, including, without limitations, any technological or physical event or condition which is not reasonably known or understood at the time of the sale of the Products or the claim.

12. Australian consumer Law statement

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.

Any of issues , please contact us:

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