

Limited Warranty

For Solar Modules

GLOBAL LIMITED WARRANTY TERMS

Renesola Co., Ltd. (hereinafter “**RENESOLA**”) hereby grants the following Global Limited Warranty to the first customer remaining at the original place of installation without having them moved or disassembled after initial installation for its own use (hereinafter “**BUYER**”) any of specified (and no other) brand models listed below (hereinafter “**PRODUCTS**”):

1. WARRANTY START DATE.

Renesola provides the warranties set forth herein commencing upon the earlier of delivery of a Module to the original purchaser thereof or that date which is one hundred and eighty (180) days following the Module manufacture date (as indicated by the serial number for such Module) (“**Warranty Start Date**”).

2. LIMITED PRODUCT WARRANTY.

For Series A: single glass, Series B: dual glass, beginning on the Warranty Start Date and terminating on that date which is one hundred and forty-four (144) months will be free of defects in material or workmanship which affects the normal installation or utilization of the modules. For Series C: N-TOPCon products, Series D: HJT&IBC products, beginning on the Warranty Start Date and terminating on that date which is one hundred and eighty (180) months will be free of defects in material or workmanship which affects the normal installation or utilization of the modules. RENESOLA warrants that the Module and its respective DC connector and cables, if any, shall be free from material defects in design, materials and workmanship that impair the performance of the Module (“**Limited Product Warranty**”). Defects do not include changes in appearance or normal wear and tear of the Solar Modules after the modules is installed. Performance warranty for the power output is not included here but it is specifically elaborated in the part 3 section below.

3. LIMITED POWER WARRANTY.

This Limited Warranty applies to the following modules:

Series A Single glass	Module type
Saturn 41-108	RS41-xxxMXB
	RS41-xxxM
	RS41-xxxMX
Saturn 4-120	RS4-xxxMXB
	RS4-xxxM
	RS4-xxxMX
Saturn 6-144	RS6-xxxMXB
	RS6-xxxM
	RS6-xxxMX
Saturn 5-132	RS5-xxxMXB
	RS5-xxxM
	RS5-xxxMX
Saturn 2-120	RS2-xxxM
	RS2-xxxMX
Saturn 21-132	RS21-xxxM
	RS21-xxxMX
Saturn 3-144	RS3-xxxM
	RS3-xxxMX
Mars 1-144	RS13-xxxM
Mars 1-120	RS14-xxxM
Mars 1-72	RS15-xxxM
Mars 1-60	RS16-xxxM
Capricorn	RSC-xxxM
Series B Dual glass	Module type
Saturn 41-108	RS41-xxxMBG
	RS41-xxxMXG
Saturn 4-120	RS4-xxxMBG
	RS4-xxxMXG
Saturn 6-144	RS6-xxxMBG
	RS6-xxxMXG
	RS6-xxxMG
Jupiter 8-120	RS8-xxxMBG
Jupiter 9-132	RS9-xxxMBG
Jupiter 91-110	RS91-xxxMBG
Saturn 2-120	RS2-xxxMG
Saturn 21-132	RS21-xxxMG
Saturn 3-144	RS3-xxxMG

Mars 1-144	RS13-xxxMG
Mars 1-120	RS14-xxxMG
Capricorn	RSC-xxxMBG
Series C N-TOPCon type	Module type
Saturn 41-108	RS41-xxxN
	RS41-xxxNX
	RS41-xxxNBG
	RS41-xxxNXG
Saturn 4-120	RS4-xxxN
	RS4-xxxNX
	RS4-xxxNBG
	RS4-xxxNXG
Saturn 6-144	RS6-xxxN
	RS6-xxxNX
	RS6-xxxNBG
	RS6-xxxNXG
Saturn 5-132	RS5-xxxN
	RS5-xxxNX
Saturn 7-156	RS7-xxxN
	RS7-xxxNX
Capricorn	RSC-xxxN
Series D HJT&IBC type	Module type
Jupiter 81-80	RS81-xxxHBG
Jupiter 8-120	RS8-xxxHBG
Jupiter 9-132	RS9-xxxHBG
Saturn 2-120	RS2-xxxI
Saturn 21-132	RS21-xxxI
Saturn 3-144	RS3-xxxI

For series A:25-Year Limited Performance Warranty

Actual Power Output (Year=1) \geq Nominal Power * (1 - 2%)

Actual Power Output(Year=N, $2 \leq N \leq 25$) \geq Nominal Power * (1 - (2% + 0.55% *(N-1)))

For series B:30-Year Limited Performance Warranty

Actual Power Output (Year=1) \geq Nominal Power * (1 - 2%)

Actual Power Output(Year=N, $2 \leq N \leq 30$) \geq Nominal Power * (1 - (2% + 0.45% *(N-1)))

For series C:30-Year Limited Performance Warranty

Actual Power Output (Year=1) \geq Nominal Power * (1 - 1%)

Actual Power Output(Year=N, $2 \leq N \leq 30$) \geq Nominal Power * (1 - (1% + 0.4% *(N-1)))

For series D:30-Year Limited Performance Warranty

Actual Power Output (Year=1) \geq Nominal Power * (1 - 1%)

Actual Power Output(Year=N, $2 \leq N \leq 30$) \geq Nominal Power * (1 - (1% + 0.4% *(N-1)))

The actual power output is to be measured under standard testing condition ("STC" or "Standard Test Conditions") in an independent testing lab accepted by Renesola or previously designated by Renesola, and when measuring the actual power output, measurement equipment tolerance is to be taken into consideration, as per IEC60904. Standard Test Conditions are: Air mass 1.5, wind speed 0m/s, irradiance 1000W/m², cell temperature 25°C.

4. Exclusions and Limitations

This "Global Limited Warranty" does not apply to any Products which have been subject to:

- 1) Failure to pay the purchase price towards RENESOLA or its subsidiaries which have put the module on the market even though (i) the payment was due and (ii) the direct customer who has obtained the module from RENESOLA or its subsidiary ("Direct Customer") is not entitled to withhold the purchase price or parts of the purchase price. RENESOLA must inform the Buyer about the non-payment and provide the name and the full address of the Direct Customer which has failed to pay the module. In case that RENESOLA can reject the claims under this Global Limited Warranty based on this provision, the Buyer can deposit the amount not paid in order to trigger the Global Limited Warranty claims;
- 2) Failure to provide proof of purchase or product information;
- 3) Failure to comply with the requirements of RENESOLA's user manual or rules of use and application for the Products;
- 4) Failure to carry out proper operation and maintenance (including but not limited to operation and maintenance requirements requested by RENESOLA's applicable user manual or other applicable local laws and regulations of the place of installation);
- 5) Service by service technicians who are not qualified under the relevant law and/or applicable regulations at the place of installation;
- 6) Change, erasure or illegible-made of the Product's type, nameplate or serial number (other than by any act or omission of RENESOLA);
- 7) Installation on mobile units (except photovoltaic tracking system with the express consent of the seller), such as vehicles, ships or offshore-structures (except water surface floating systems pursuant);
- 8) Exposure to voltage in excess to the maximum system voltage or power surges;
- 9) Defective components in the construction on which the module is mounted;
- 10) Exposure to mold discoloration or similar external effects;
- 11) unauthorized modifications:
 - i) Operation/maintenance by use of unauthorized spare parts;
 - ii) Application under extreme environmental conditions or rapid changes in such environments resulting in corrosion, oxidation, or affected by chemical products;
 - iii) Other acts beyond RENESOLA's reasonable control (including direct or indirect damage by war, fire, flood, hurricane, volcanic eruption, surface collapse, debris flow, lightning, earthquake, heavy snowfall, hailstone, strong breeze etc.);
- 12) Use of the Products in such a manner as to infringe RENESOLA's or any third party's intellectual property rights (including but not limited to patents, trademarks, etc.);
- 13) Any subsequent sale of the Products from a country where RENESOLA was first marketed to another country without the consent of RENESOLA ("Prohibition of Parallel Import"). But the Prohibition of Parallel Import does not apply to the sales within the European Union ("EU"), where the sale of Products from one EU country to another does not require the consent of RENESOLA. However, the consent of RENESOLA must be obtained for the sale of Products from outside the EU to an EU country or from an EU country to outside the EU.

5. Repair, Replacement or Refund Remedy

1) As Buyer's sole and exclusive remedy under this Global Limited Warranty (though the Buyer should note regarding the potential existence of other statutory rights and for Australian Buyers) RENESOLA will, at its sole discretion, either, with regard to the applicable Products:

- (i) determine a maintenance plan and repair the defective Products; or
- (ii) refund the difference value between the actual STC power and the warranty power of the defective products. Difference value = The market price at the moment of raising Global Limited Warranty claims (per watt) * sum of the remaining theoretical warranty power - sum of STC power actually measured by third party, the backside power compensation is processed based on the market price at the time of payout and 10% of the difference between the warranty power and the actual STC power measured for backside or
- (iii) Refund the salvage value of the defective Products. For purposes of this Global Limited Warranty salvage value = The market price at the moment of raising warranty claim (unit price per watt) * the original guaranteed nameplate power * remaining warranty period (year) / original total warranty period by RENESOLA, for the salvage value compensation caused by the backside power attenuation, it is treated as 10% of the product salvage value or
- (iv) provide alternate Products to make up for the difference between the actual STC power of defective Products and the warranty power (Difference power = sum of the remaining theoretical warranty power - sum of STC power actually measured by third party, the power on the backside of the Dual Glass products is treated at 10% of the backside warranty power; or
- (v) Replace the defective Products or part thereof by new or re-manufactured Products at no charge. The total nominal power of the replaced Products shall not be less than the total remaining theoretical warranty power of the defective Products. (The power on the backside of the Dual Glass products is treated at 10% of the backside warranty power) RENESOLA reserves the right to provide similar Products in replacement of the defective Products if the defective Products are discontinued or otherwise unavailable.

During the warranty period, in the event that RENESOLA shall bear the direct costs of repairing the products and transportation charges incurred in the delivery of the repair, replacement or additional products to the buyer, excluding insurance, air freight, customs clearance, customs duties and other non-seller's costs (e.g. port delays, storage charges due to negligence on the part of the buyer or end-user). The costs and other related expenses for the removal, repack, installation or re-installation shall remain with the Buyer. Beyond the warranty period, Buyer shall bear all reasonable costs of materials, labor, freight, clearance, removal, repack, installation or re-installation whatsoever related to repairing.

For the removal, repack, installation or re-installation shall remain with the Buyer.

Defect Products or end of lifetime Products shall be disposed if legally permissible by the Buyer in accordance with local applicable laws or regulations, unless RENESOLA agrees or where legally mandatory takes them back. If RENESOLA decides or where legally mandatory takes the defective products back, the goods property of these products shall belong to RENESOLA without any limitation

2) The Global Limited Warranty periods shall not extend or renew upon the repair or replacement of defective Products by RENESOLA. The Global Limited Warranty period for replaced or repaired Products is the remainder of the Global Limited Warranty period on the original new Products.

3) All other claims under this Global Limited Warranty against RENESOLA shall be excluded. Under this limited Warranty, RENESOLA is not responsible for any special, incidental or consequential damages (including loss of profits, business interruption, loss of power generation, harm to goodwill or business reputation, or delay damages) whether such claims are based in contract, warranty, negligence or strict tort. This exclusion applies to the extent permissible by law, and even if the remedies set forth below herein are deemed to have failed of their essential purpose.

4) YOU MAY HAVE SPECIFIC LEGAL RIGHTS OUTSIDE THIS LIMITED WARRANTY, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THIS GLOBAL LIMITED WARRANTY DOES NOT AFFECT ANY ADDITIONAL RIGHTS YOU HAVE UNDER LAWS IN YOUR JURISDICTION GOVERNING THE SALE OF CONSUMER GOODS, INCLUDING WITHOUT LIMITATION, NATIONAL LAWS IMPLEMENTING EC DIRECTIVE 99/44 OR PURSUANT TO THE MAGNUSON MOSS WARRANTY ACT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE LIMITATIONS OR EXCLUSIONS IN THIS GLOBAL LIMITED WARRANTY STATEMENT MAY NOT APPLY.

5) The following statement applies to Buyers that are "Consumers" within the meaning of the Australian Consumer Law:

"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 for 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."

6. Rights and Remedies against Third Parties

This Global Limited Warranty shall be construed as a separate warranty and independent from any other contractual arrangement with third parties relating to the Products. It shall not affect any rights, obligations and remedies of the Buyer, if any, with regard to third parties for defects or non-conformity or non-compliance of the Products, notwithstanding its legal basis. The rights and remedies provided hereunder are in addition to any other rights and remedies against third parties to which the Buyer may be entitled by agreements with such third parties or by law.

7. Claims Procedure, Notice Periods, Expiration of Global Limited Warranty Claims and Limitations.

1) The Buyer shall notify RENESOLA under this Global Limited Warranty using RENESOLA's Customer Service Portal at the e-mail sales.cn@renesola-energy.com; alternatively by letter or facsimile. At the time of filing the claim, please ensure that the applicant is the owner of the warranty right for the Products or has a valid authorization document issued by the owner of the warranty right for the Products. It is the responsibility of the owner of the warranty right or its authorized representative to cooperate with Renesola for signing the Warranty Solution Agreement. The notice of claim shall specify the claim along with written proof for the purchase and defect of the Products, including

(i) purchasing invoice indicating purchase date,

(ii) Products' details,

(iii) detailed description of the claim,

(iv) serial numbers of all affected Products (in editable form, e.g. Excel document),

(v) evidence including photographs and data related to all affected Products and

(vi) any additional supplementary information and/or evidence reasonably requested by Renesola.

Renesola will review and evaluate alleged claims after receipt of the claim and full information as stipulated herein. If Renesola at its sole discretion considers it necessary, Renesola can request the module be shipped back to Renesola's factory for testing, in which case, Renesola will provide the Buyer with a Return Merchandise Authorization ("RMA"). In the absence of such RMA, any returned module will not be accepted by Renesola. In the event the Buyer returns the Solar Modules without written agreement of Renesola, the risks (including but not limited to damage and loss of the Solar Modules) and expenses related to the Solar Modules shall be borne by the Buyer. Subject to the approval of Renesola's technical service department, the necessary and documented shipping costs related to the Limited Product Warranty or the Limited Performance Warranty will be compensated by Renesola to the Buyer. Renesola is entitled to decide whether to send a representative to investigate the alleged claims on site and related cost and expenses shall be borne by Renesola. In the event that Renesola decides to send a representative to the product installation site for verification, the Buyer shall actively cooperate for such investigation. If the Buyer refuses Renesola to enter the site for investigation without a proper and appropriate reason, Renesola has the right to extend or refuse the claim process until necessary evidence is provided.

- 2) Any dispute on technical facts relating to claims brought under this Global Limited Warranty for defects of Products shall be determined by expert determination. In case a consensus regarding the cause of any module defect cannot be reached between Renesola and the Buyer, Renesola has the right to assign authoritative testing facilities, such as CPVT, Fraunhofer ISE TÜV SUD, TÜV Rheinland, Intertek, UL, CQC, CGC, dekra etc., which should be accepted by both parties to participate in the final settlement. Renesola will pay for the reasonable costs incurred by such test in advance. If the test results from the third-party testing agency determine that the existence of a module failure and the cause of such failure lies with the Buyer, then the reasonable and direct and documented costs incurred due to such test can be passed on to the Buyer, including shipping freight, transportation insurance, and laboratory testing costs, etc. All costs shall be borne by the losing party, unless the court decided otherwise. Renesola reserves the right of final interpretation. The power measurement tolerance of any testing equipment utilized by any Independent Testing Lab in performing tests required shall be disclosed in writing to both Parties prior to performance of any such tests and shall be reflected in any final test results provided by the Independent Testing Lab. The determination by an Independent Testing Lab as to whether a breach has occurred shall be final and conclusive with respect to the matters covered by such determination. In all measurements of Actual Power Output, the effect of test uncertainty needs to be considered as per IEC 61215.
- 3) Any claim for breach of this Global Limited Warranty must be brought within 30 days after discovery of the breach.
- 4) The return of any defective Products will not be accepted unless prior written authorization has been given by RENESOLA.
- 5) If Renesola has ceased production of the corresponding product model of the defective product, Renesola has the right to replace the defective product with another product model (different size, color, shape or power).

8. Force Majeure

RENESOLA shall not be responsible or liable in any way to the Buyer for any non-performance or delay in RENESOLA's performance under this Global Limited Warranty due to occurrences of force majeure such as 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 limitation, any technological or physical event or condition which is not reasonably known or understood at the time of the sale of the defective Products or the notification of the relevant Global Limited Warranty claim under this limited Warranty.

9. Warranty Assignment

The Buyer can transfer the rights and obligations under this "Limited Warranty" to the subsequent project owner by informing Renesola in writing of this transfer of rights, provided that:

- 1) The module(s) remain at the initial installation site without being tempered with; and
- 2) The purchase price of the module(s) are fully paid to Renesola or other payable amounts (such as liquidated damages); and
- 3) This transfer of rights covers all provisions of this "Limited Warranty"; and
- 4) The transferee agrees to be bound by all terms of this "Limited Warranty".

If required by Renesola, the Buyer shall, within 15 days upon receipt of the notice from Renesola, provide reasonable evidence to prove the inheritance of ownership. Otherwise, Renesola shall have the right to refuse to process the relevant claim and shall not be liable for it. The rights of this "Limited Warranty" shall only be transferred if above mentioned requirements are fully met, otherwise such transfer shall not be binding upon on Renesola, and Renesola has the right to refuse to process the relevant demand for claims without any liability..

10. Validity

This Global Limited Warranty shall apply to Products delivered to the Buyer on or after 3rd of August 2023. This Global Limited Warranty shall be valid until a new revision is issued by RENESOLA.

11. Geographical Validity

This Global Limited Warranty does apply to all countries with the exception of Germany and Turkey where country specific limited warranties apply.

12. No Other Express Warranty

Except as otherwise provided by applicable statutory law (cf. Sec. 5 d) and 5 e)) or unless modified in writing and signed by an officer of RENESOLA, the Global Limited Warranty set forth herein is the only express warranty (whether written or oral) by RENESOLA applicable to the Products and no one is authorized to restrict, expand or otherwise modify this limited Warranty.

13. Miscellaneous

If any provision of this Global Limited Warranty is held invalid, unenforceable or contrary to law then the validity of the remaining provisions of this Global Limited Warranty shall remain in full force and effect.

14. Limitation of Liability

To the maximum extent permitted by applicable law, RENESOLA's aggregate liability according to this Global Limited Warranty shall not exceed the purchase price paid by the Buyer for the defective Products in the case of a Global Limited Warranty claim. The Buyer acknowledges that the foregoing limitation of liability is an essential element of this Global Limited Warranty and that in the absence of such limitations the purchase price of the Products would be significantly higher.

15. Applicable Law and Jurisdiction

The validity of this Global limited Warranty, the construction of its terms and the interpretation and enforcement of the rights and duties of the Buyer and RENESOLA shall be governed by the laws of the country of the original installation location of the Products, to the exclusion of that country's conflicts of law rules as well as of the United Nations Convention on the International Sale of Goods dated 11 April 1980 (CISG) and of any other uniform law.

All disputes arising out of or in connection with this Global Limited Warranty shall be finally settled before the ordinary courts of the country of the original installation location of the Products.

16. Note

The installation and operation of photovoltaic modules requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using and operating the Products.

<https://www.renesola-energy.com/download1/>