



SOLAR PV MODULE

Limited & Linear Warranty

BIFACIAL MODULE

RPS1MH66BDXXX

RPS1MH60BDXXX

RPS2MH72BDXXX

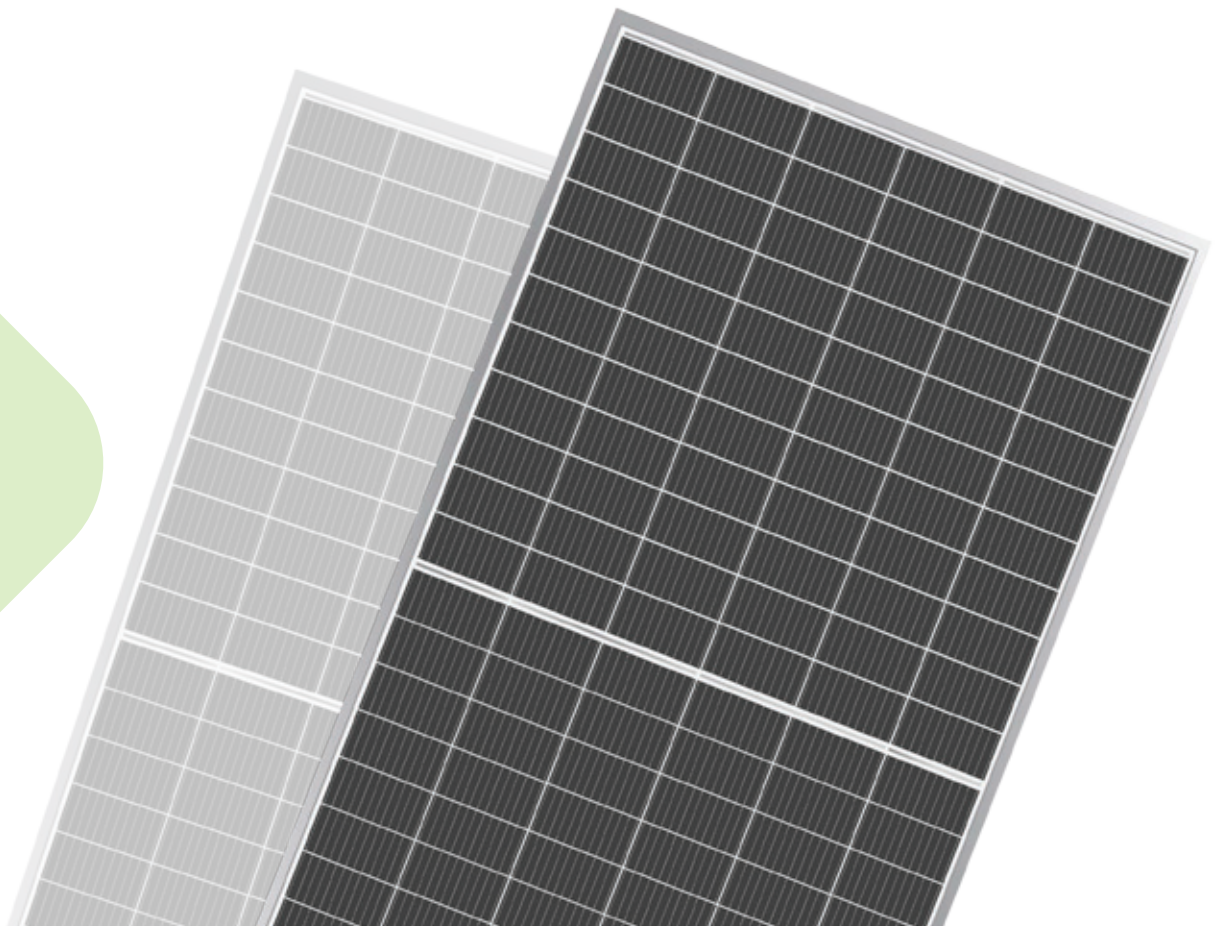
RPS3MH66BDXXX

MONOFACIAL MODULE

RPS1MH66MBXXX

RPS1MH60MBXXX

RPS2MH72MBXXX



ReNew Photovoltaics Private Limited

Limited and Linear Warranty for ReNew's solar photo-voltaic modules

Warranted Products

This Limited and Linear Warranty for PV modules (“**Solar Module(s)**” or **Module(s)**) (“**Warranty**”) shall only apply to the following Modules supplied by ReNew Photovoltaics Private Limited - as maybe the case (“**Supplier**”) to its respective purchaser of such Modules (“**Buyer**”) as mentioned in the table below:

Sl. No.	Model Name
1	RPS1MH66BDXXX
2	RPS1MH60BDXXX
3	RPS2MH72BDXXX
4	RPS1MH66MBXXX
5	RPS1MH60MBXXX
6	RPS2MH72MBXXX
7	RPS3MH66BDXXX

1. Limited Product Warranty – Repair, Replacement or Refund within 12 years

The Supplier warrants that for a period of 12 (Twelve) years since the Warranty Start Date (as defined below) that the Solar Modules will be free from defects in material or workmanship under normal application, installation or utilization of the Modules (“**Defects**”), provided that the Solar Modules are installed, utilized and maintained according to the stipulations of the installation manual provided by the Supplier, which may be updated from time to time (“**Product Warranty**”). This Product Warranty shall not apply to any deterioration in appearance of the Modules (including any scratches, stains, mechanical wear, rust, spots and aesthetic defects), or any other changes to the Modules which occur after delivery to the Buyer, and such changes in appearance do not constitute defects under this Limited Warranty. This type of change does not lead to deterioration in the operational capabilities of the Module. Claims in the event of glass breakage shall only be enforceable to the extent that there was no external cause for the glass breakage. (i.e. only breakage caused by the manufacturing defect in the glass itself or the module is covered). Performance warranty for the power output is not included here but it shall be specifically elaborated in the “LINEAR POWER WARRANTY” in section 2 of this Warranty document.

If during the term of the Product Warranty, if any Module(s) fails to the warranty as provided in Section 1, then the Supplier will at its sole discretion either:

- i. repair; or
- ii. replace such Module(s) with a similar Module(s); or
- iii. refund the purchase price of the Module(s) without interest or any charge, as measured after considering 5% (Five percent) depreciation per year on the original purchase price or the then prevailing price of similar Module(s) whichever is lower, provided that the then prevailing price does not exceed the original purchase price at which the buyer has purchased the Module(s); or

It shall be the liability of the Buyer to mount the replacement or supplementary Solar Module at their own cost and expenses. This Product Warranty is subject to the exclusions and limitations as mentioned in this Warranty documents. The warranty claimed Module is the property of the supplier. The replaced Module is the property of the Buyer. Standard warranty will be applicable on the replaced Module on the remaining warranty years.

The remedy stated hereinabove is the exclusive measure within this Product Warranty, which does not involve assurance for the power output. The power output assurance is specially elaborated in the Section 2 - Power Warranty below. Further, it is hereby clarified that the Product Warranty pursuant to the remedy undertaken by the Supplier i.e., repair or replacement of the Modules shall be valid for the remaining term of such Product Warranty hereunder, and no further warranty shall be provided beyond the original 12 (Twelve) year period i.e., Product Warranty period.

The actual power output is to be measured under standard testing condition ("STC" or "Standard Test Conditions") in an independent testing lab accepted by the Supplier or previously designated by the Supplier, 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, irradiance 1000W/m², cell temperature 25°C.

2. Linear Power Warranty

- For the Mono-facial PERC module: 98.00% (Ninety eight point zero zero percent) in the first year, thereafter, for years two (2) through twenty-five (25), 0.55% (Zero point five five percent) maximum decrease from module's nominal power output per year, ending with the 84.80% (Eighty four point eight zero percent) nominal power in the 25th year tested under STC conditions of 25°C, 1.5 AM, 1000 W/m² as stated in product datasheet, after the defined Warranty Starting Date. The Linear Performance Warranty table is attached here in below.
- For the Bi-facial PERC module: 98.00% (Ninety eight point zero zero percent) in the first year, thereafter, for years two (2) through thirty (30) years, 0.45%(Zero point four five percent) maximum decrease from module's nominal power output per year, ending with the 84.95%

(Eighty four point nine five percent) nominal power in the 30th year tested under STC conditions of 25°C, 1.5 AM, 1000 W/m² as stated in product datasheet, after the defined warranty starting date. The Linear Performance Warranty table is attached hereinbelow.

- For the Bi-facial TOPCon module: 99.00%(Ninety nine point zero zero percent) in the first year, thereafter, for years two (2) through thirty (30) years, 0.40%(Zero point four zero percent) maximum decrease from module's nominal power output per year, ending with the 87.40% (Eighty seven point four zero percent) nominal power in the 30th year tested under STC conditions of 25°C, 1.5 AM, 1000 W/m² as stated in product datasheet, after the defined warranty starting date. The Linear Performance Warranty table is attached hereinbelow.

The above-mentioned warranties of power output from the Solar Modules shall be hereinafter referred to as “**Power Warranty**”. In the event the power output is not generated as per the Power Warranty, then are the sole and exclusive remedy measures to be undertaken by the Supplier shall be to provide supplementary Solar Module(s) free of charge to the Buyer, for the balance term of the Power Warranty as stated in the Section 2.

3. Warranty Exclusions and Limitations

The Supplier shall be free of any liability in the event that any defect of the Solar Modules is caused by or in connection to any force majeure events stipulated in Section 4. The Supplier and the Buyer understand and agree that the Supplier shall be free of liability in the event any obligations under this Warranty is delayed or could not be provided because of the occurrence of a force majeure event.

In addition to any other exclusions, limitations or conditions set forth under this Warranty, the following exclusions and limitations apply hereto:

- Module(s) which have been subject to improper installation, use, and maintenance due to failure to comply with the relevant provisions of the Supplier's module installation manual, module technical specification, and maintenance manual; or
- Module(s) which have been subject to misuse, abuse, negligence, vandalism, or accident to the extent not directly attributable to the Supplier; or
- Module(s) which have been subject to power supply failure, power surge, lightning, flood, fire, accidental damage or other events beyond the control of the Supplier; or
- Module(s) which have been installed on mobile equipment (except for photovoltaic tracking systems) such as vehicles, ships, etc., or offshore facilities (except for pre-authorized floating systems or fishery-solar hybrid projects); or
- Module(s) which have been subject to system voltage over the rated maximum system voltage or surge; or
- Module(s) which have been installed on unqualified buildings; or
- Module(s) which have been installed near extreme heat or in extreme or volatile environmental conditions, causing the module(s) to corrode, oxidize, or to suffer from chemical materials in the environment; or

- Failure to pay the purchase price to the Supplier for the Module(s) to the Buyer; or
- Solar Module(s) which have been used in a way that infringes on the intellectual property rights of the Supplier or any other third party (including but not limited to patent rights, trademark rights, etc.);

In addition, when the nameplate and the serial number of the module(s) are tempered with, removed or unrecognizable without the written authorization of the Supplier, the claim will be rejected.

4. Force Majeure

Supplier will not be liable in any way to the Buyer or any third party for any non-performance due to a force majeure event which shall include war, invasion, hostility, acts of public enmity, acts of civil commotion, riots, terrorism, accidents, sabotages, fire, floods, inclement weather conditions that prevents transportation or handling of the Equipment, cyclones, lightning, earthquakes, other natural calamities, explosions, epidemics, quarantine restrictions, ionizing radiation or contamination or radio activity from any nuclear fuel or from any nuclear waste, from the combustion of nuclear fuel, radioactive toxic explosive, other hazardous properties of any explosive assembly or nuclear component, compulsory acquisition by any government Instrumentality or other acts of god, beyond the reasonable control of the Supplier. In such cases the warranty will be null and void.

5. Validity

The start date of this Warranty (“**Warranty Start Date**”) shall be defined as the earlier of either:

- a. The sales invoice date; or
- b. One (1) year after the Solar Module was dispatched from production facilities.
- c. Warranty is valid on supplied product if the PV module is installed in their original intended location.

This Warranty shall be valid until a revised version is issued by the Supplier. The Supplier reserves the right to revise the warranty conditions without any prior notification.

6. Procedure to claim Warranty

If the Buyer believes that it has a justified claim covered by the Warranties set forth above, then the Buyer shall submit a such claim in writing without undue delay, with supporting information including but not limited to the claimed quantity, serial numbers, purchasing invoices and proofs, to the Supplier within the applicable warranty period specified above to the following address, or such future address as ReNew may provide from time to time: **E-mail: pv.support@renew.com**

Upon receipt of the notification of Defect, the Supplier shall, through its authorized personnel, verify the existence of such Defect independently or at its sole and absolute discretion, seek further verification for the Buyers claim such as the complete system details of the plant and the operation and maintenance details of the plant. The return of any Module will not be accepted unless prior written authorization has been given by the Supplier and the Buyer has complied with the packaging and shipping instructions provided by the Supplier. In the event, the Supplier does not find such Defect to exist and disputes the Warranty claim raised by the Buyer then the parties shall follow the procedure set out in Section 10 below. However, in the event the Supplier has satisfied itself with the existence of such Defect then the Supplier shall remedy such Defect as per Section 1 or Section 2, as maybe the case.

7. Warranty Transfer

This Warranty is transferable to any subsequent owner of a Module solely in circumstances in which that module remains installed in its original location, and such transfer is sufficiently proven to the Supplier. Any transferee is subject to all the exclusions, limitations and conditions set forth herein.

8. Limitation of Liability

The Supplier assumes no warranties, express or implied, other than the warranties made herein and specifically disclaims all other warranties, including but not limited to, merchantability or fitness for a particular purpose, usage or application, or other obligations and responsibilities assumed by the Supplier, unless the Supplier expressly recognizes other obligations and responsibilities in a duly signed written document. The Buyer understands and agrees that the Supplier shall not be liable for personal injury or property damage, and shall not be liable for other losses or injuries caused by or related to the Module(s) (including but not limited to any defect arising from improper use and installation of the module(s)). The Supplier excludes all liabilities for any collateral, consequential or special damages. Losses caused by Module defects, including but not limited to, loss of profit, loss of power, loss of business opportunity, loss of contract, loss of goodwill, increase of the operating cost or loss of income are clearly excluded here. If the Supplier is liable for compensation to the buyer, the total amount of compensation shall not exceed the invoice price of the defective module(s) paid by the buyer. The Buyer may have specific legal rights outside this warranty, and may also have other rights that vary from jurisdiction to jurisdiction. However, the overall liability of the Supplier under this shall not be more than [100%] of the total price paid for any individual Module.

9. Technical Disputes

In the event of any dispute between the Supplier and the Buyer as to the validity of any claim made under this Warranty, an ISO 17025 accredited test laboratory recognized by the Supplier at its sole and absolute discretion shall be called upon to judge the claim. Any measurements will be conducted in accordance with IEC 60904 standards and under Standard Test Conditions. All fees and expenses associated with engaging such institutes shall be borne by the non-prevailing party.

10. Warranted Power Performance Values (WPPV)

**Warranted Power Performance Values
applicable for Mono-facial PERC PV modules**

Year	WPPV%	Year	WPPV%
1	98.00	16	89.75
2	97.45	17	89.20
3	96.90	18	88.65
4	96.35	19	88.10
5	95.80	20	87.55
6	95.25	21	87.00
7	94.70	22	86.45
8	94.15	23	85.90
9	93.60	24	85.35
10	93.05	25	84.80
11	92.50		
12	91.95		
13	91.40		
14	90.85		
15	90.30		

**Warranted Power Performance Values
applicable for Bi-facial PERC PV modules**

Year	WPPV%	Year	WPPV%
1	98.00	26	86.75
2	97.55	27	86.30
3	97.10	28	85.85
4	96.65	29	85.40
5	96.20	30	84.95
6	95.75		
7	95.30		
8	94.85		
9	94.40		
10	93.95		
11	93.50		
12	93.05		
13	92.60		
14	92.15		
15	91.70		
16	91.25		
17	90.80		
18	90.35		
19	89.90		
20	89.45		
21	89.00		
22	88.55		
23	88.10		
24	87.65		
25	87.20		

Warranted Power Performance Values applicable for Bi-facial TOPCon PV modules

Year	WPPV%	Year	WPPV%
1	99.00	16	93.00
2	98.60	17	92.60
3	98.20	18	92.20
4	97.80	19	91.80
5	97.40	20	91.40
6	97.00	21	91.00
7	96.60	22	90.60
8	96.20	23	90.20
9	95.80	24	89.80
10	95.40	25	89.40
11	95.00	26	89.00
12	94.60	27	88.60
13	94.20	28	88.20
14	93.80	29	87.80
15	93.40	30	87.40

11. Severability

If a part, provision or clause of this Limited and Linear Warranty, or the application thereof to any person or circumstance, is held invalid, void or unenforceable, such holding shall not affect the validity or enforceability of any other part, provision or clause of this Limited Warranty or its applicability to any other person or circumstance, and to this end such other parts, provisions, clauses or applications of this Limited and Linear Warranty shall be treated as severable.

12. Governing Law & Dispute Resolution

This Warranty Certificate shall be governed by and construed in accordance with the laws of India, without regard to the law of conflicts or any choice of law provisions that would direct the application of the laws of another jurisdiction. Any disputes arising out of or in connection with the validity, interpretation or implementation of this Warranty Certificate shall be referred to and finally resolved by arbitration by a sole arbitrator, and administered by the Delhi International Arbitration Centre (“DIAC”) in accordance with the Arbitration Rules of the Delhi International Arbitration Centre (“DIAC Rules”) for the time being in force, which rules are deemed to be incorporated by reference in this clause. The seat of the arbitration shall be New Delhi and the language of the arbitration shall be English. All aspects of any arbitration proceedings will be considered and must be handled as confidential information. The Parties hereto irrevocably submit to the exclusive jurisdiction of the competent courts of New Delhi for the purpose of hearing and determining any suit, action or proceedings and/or settling any disputes arising out of or in connection with this Warranty Certificate.



FOR QUERIES / MORE INFORMATION, PLEASE CONTACT:

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**For any inquiries or queries about
ReNew solar panels, call ☎ 9220 440 044**

RP/WD/24/V/004

