



**JNL SOLAR, A HIGH-QUALITY MODULE THROUGH  
ITS HIGH PERFORMANCE CONSTRUCTION**

**Limited Warranty for  
Crystalline Silicon Solar MODULE**

- 2023 -



# Limited Warranty for Crystalline Silicon Solar MODULE

This document represents the official warranty as issued by JNL Solar, for all standard Photovoltaic Solar Modules (MODULES) manufactured by JNL Solar. Neither a representative of JNL Solar nor any other persons or third party is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein.

JNL Solar shall warranty its MODULES' performance starting from the date of date of shipment (according to date marked in the formal shipment documents such as bill of lading), (WARRANTY START DATE)

## 1. Limited Product Warranty - 25 Years Repair, Replacement, or Refund Remedy

1.1 JNL Solar guarantees its MODULES to be free from defect either in materials or workmanship under normal application, installation, use, and service conditions as described in the JNL Solar installation guideline. If the MODULES fail to conform to this warranty, during the period of twenty-five (25) years from the WARRANTY START DATE, JNL Solar will, at its option, either repair or replace the MODULES, or refund the then current market price of the MODULES. The remedy as mentioned above shall be the sole and exclusive remedy provided under the Limited Product Warranty and shall not extend beyond the period set forth herein.

1.2 In the above case of repair and replacement of any MODULES, these shall be handled as per the corresponding procedures set out in Clause 5 of this document.

## 2. Linear Performance Warranty & Limited Peak Power Warranty – Limited Remedy

2.1 JNL Solar supports its MODULES with a 25-year linear performance guarantee for all MODULES shipped as of January 1st, 2017.

A\ Under this guarantee, the actual power output of a new POLYCRYSTALLINE MODULE shall not deviate from the specified rated power by more than 2.5% during the first year; and afterward, the power will not decrease by more than 0.7 percent of the rated power per year for the remaining 24 years as measured under standard test conditions (STC), ending with 80.7% in the 25th year after the Warranty Start Date.

B\ Under this guarantee, the actual power output of a new MONOCRYSTALLINE MODULE shall not deviate from the specified rated power by more than 3.0% during the first year; and afterward, the power will not decrease by more than 0.6 percent of the rated power per year for the remaining 24 years as measured under standard test conditions (STC), ending with 82.6% in the 25th year after the Warranty Start Date.

2.2 After a period of one (1) year from the WARRANTY START DATE, if any MODULES exhibit a power output less than POLY 97.5% (MONO97%) of the nominal power as set out in the JNL Solar product datasheet at the time of the WARRANTY START DATE, provided that such loss in power is measured at standard temperature conditions (STC) and determined by JNL Solar (at its sole & absolute discretion) to be due to defect . material or workmanship, JNL Solar will, at its sole option, either 1) replace such loss in power by either i) providing additional MODULES or ii) replacing the defective MODULES or 2) refund the percentage of the cost of the MODULE (as measured by the then current market price of the MODULE) representing the percentage of the power output less than POLY97.5% (MONO97%) of the nominal power as set out in the JNL Solar product datasheet at the time of the WARRANTY START DATE.

2.3 Each complete year afterward, the power per MODULE will not decrease by more than POLY0.7 percent (MONO 0.6percent)of the rated power per year as measured under standard test conditions (STC). Any MODULES exhibiting a power output less that this linear function of the nominal power as set out in the JNL Solar product datasheet at the time of the WARRANTY START DATE, provided that such loss in power is measured at standard temperature conditions (STC) and determined by JNL Solar (at its sole & absolute discretion) to be due to defects in material or workmanship, JNL Solar will, at its sole option, either 1) replace such loss in power by either i) providing additional MODULES or ii) replacing the defective MODULES or 2) refund the percentage of the cost of the MODULE (as measured by the then current market price of the MODULE) representing the percentage of the power output less than that amount as calculated by the linear power output guarantee of the nominal power as set out in the JNL Solar product datasheet at the time of the WARRANTY START DATE.

### 3. Technical Standards

3.1 The MODULES are fabricated according to one of the following international standards CE, IEC, TUV, UL or other standard as may be stipulated in the Contract of Sale. The standard test conditions (STC) of MODULE are: E=1000 W/ M<sub>2</sub> AM=1.5 ; T= 25°C, standard power tolerance is +/-3%.

### 4. Exemption from liability and restriction

4.1 Exemption - Warranty coverage does not apply to any MODULES which have been subject to the following conditions

4.1.1 Failure to pay the purchase price towards JNL Solar or its subsidiaries which have put the modules on the market even though (i), the payment was due and (ii) the direct customer who has obtained the modules from JNL Solar or its subsidiary („Direct Customer“) is not entitled to withhold the purchase price or parts of the purchase price. JNL Solar 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 modules. In case that JNL Solar can reject the claim under this warranty based on this provision, the Buyer can deposit the amount not paid in order to trigger the warranty claims;

4.1.2 Service by service technicians who are not qualified under the relevant law and/or applicable regulations at the place of installation;

4.1.3 The Product's type, nameplate or module serial number is changed, erased or made illegible (other than by any act or omission of JNL Solar);

4.1.4 Failure to comply with JNL Solar's installation manual applicable during the Validity of this Limited Warranty pursuant;

4.1.5 Without the prior written consent of or not in accordance with the written instructions of JNL Solar, without changing the repair or alteration of components

4.1.6 A new component to its purchase of components or the receipt of JNL Solar replacement after installation, and moving a component or re install to a different from other place the original installation location;

4.1.7 The reason is not due to force to provide services in the storage, transport, handling, installation and application, use or in the process of the use of the wrong, abuse, neglect or accident conditions;

4.1.8 The Product's installation on mobile units (except photovoltaic tracking system), such as vehicles, ships or offshore-structures;

4.1.9 Exposure to voltage in excess to the maximum system voltage or power surges;

4.1.10 Defective components in the construction on which the module is mounted

4.1.11 exposure to mold discoloration or similar external effects;

4.1.12 exposure to any of the following: extreme thermal or environmental conditions or rapid changes in such conditions, corrosion, oxidation, unauthorized modifications or connections, unauthorized opening, servicing by use of unauthorized spare parts, accident, force of nature (such as lightning strike, earthquake), influence from chemical products or other acts beyond JNL Solar's reasonable control (including damage by fire, flood, etc.);

#### 4.2 Restriction

4.2.1 Warranties do not cover any costs or liability that the customer shall bear to any third party.

4.2.2 In any event, all warranty claims must be received within the applicable warranty period for this warranty to be effective.

4.2.3 JNL Solar will only bear the liability of repair, replacement or compensation to defective MODULES as set forth above. This warranty does not cover any costs associated with installation, removal, or reinstallation of the MODULES including customs clearance, freight or any other costs related to the return or shipment of the MODULES.

4.2.4 This warranty is only valid for MODULES purchased directly from JNL Solar, its subsidiaries, or authorized distributors and such warranty shall not be transferred to any third party without the express written consent of JNL Solar. This warranty is only transferrable when the warranted product remains installed in its original location.

4.2.5 During the warranty period, if any type of MODULES initially delivered are not in production or noted as secondary grade, JNL Solar reserves the right in its sole discretion, to deliver any comparable MODULE (different size, shape, color or performance etc.) to the customer. Any returned MODULES will be at the disposal of JNL Solar.

### 5. Procedures for repair, replacement, and/or compensation of MODULES

#### 5.1 Procedure:

5.1.1 If any MODULE is required to be repaired, replaced, or where compensation is sought, the customer shall notify JNL Solar, (its subsidiaries or authorized distributors), in written form with the claim, effective evidence, (including serial No of the MODULE), along with copies of documents of sale, including but not limited to the commercial invoice and bill of lading.



5.1.2 JNL Solar customer service will respond to the customer within 5 working days after receiving the claim notification.

5.1.3 The Customer shall not return any MODULE without written confirmation from JNL Solar, and JNL Solar shall have the right to refuse any such handling, repair, replacement, or compensation related to an unauthorized return of product.

5.1.4 JNL Solar reserves the right to refuse any claim for repair, replacement, or compensation if the type or serial number of the MODULES have been altered, removed, or made illegible in any manner whatsoever.

## 5.2 Cost and Compensation:

5.2.1 JNL Solar will not bear any cost related to the removal or re-installation of defective modules including but not limited to costs associated with installation, removal, re-installation, freight, customs clearance, or insurance.

5.2.2 Principally, any defective MODULE will be not be compensated for or refunded beyond the amount originally paid at the WARRANTY START DATE. Except for any condition that JNL Solar shall be exempt from liability as described above, any claim issued shall be calculated as measured by the current market price of the MODULE and to be confirmed by JNL Solar.

5.2.3 This warranty and all liability contained herein is expressly denied by JNL Solar if, under any conditions, any monies owing to JNL Solar, or its subsidiaries or representatives or dealers for MODULES remain unpaid at the time of warranty claim.

5.2.4 As Buyer's sole and exclusive remedy under this Limited Warranty JNL Solar will, at its sole discretion, either, with regard to the applicable Product (or component thereof in the case of Mounting Product):

i) refund the historical purchase price of the relevant Product(s) annually reduced by a linear depreciation, taking into account an anticipated life time of 25 years;

ii) repair the defective Product(s) at no charge (subject to the following paragraph); or

iii) replace the defective Product(s) or part thereof by a new or remanufactured equivalent at no charge (subject to the following paragraph). In the event that JNL Solar opts for options ii) or iii), JNL Solar shall bear all insurance and transportation charges (except air freight), customs clearance and any other costs for returning the defective Product(s) to JNL Solar and shipping the repaired or replaced Product(s) to Buyer (a Buyer may claim reimbursement by JNL Solar for these charges by providing proof to JNL Solar that these charges were incurred, e.g. an invoice from the relevant service provider). The costs and expenses for the removal, installation or reinstallation shall remain with Buyer.

5.2.5 The warranty period(s) shall not extend or renew upon the repair or replacement of a defective Product by JNL Solar. The warranty period for replaced or repaired Product(s) is the remainder of the warranty on the original new Product(s).

## 6. Disputes

6.1 In the case of any dispute arising from the identification of defect, or solutions to the repair, replacement or compensation to the MODULE, such disputes shall be settled according to the sales contract between the concerned parties. Where no solution to dispute is clearly stipulated in the contract, or where settlement cannot be reached between the parties, the dispute shall be submitted to China International Economic and Trade Arbitration Commission (CIETAC) for judgment and final claim. Any arbitration award shall be final and binding on both Parties, and the arbitration fee shall be borne by the losing party.

## 7. Effectiveness & Validity

7.1 This warranty is created and issued by JNL Solar, and is applicable for all MODULES manufactured by JNL Solar.

7.2 This version of the warranty is effective from January 1, 2017.

7.3 If a part, provision, or clause of this warranty, or the application thereof to any person or circumstance, is held invalid, void, or unenforceable, such holding shall not affect and shall leave all other parts, provisions, clauses or applications, of this warranty valid, and to this end, such other parts, provisions, clauses, or applications of this warranty shall be treated as severable.

7.4 JNL Solar reserves the right to make necessary revisions to this warranty for different markets or countries as it may deem necessary in its sole and absolute discretion.

## 8. Miscellaneous

For more information or help please:

Visit our website [www.jnlsolar.com](http://www.jnlsolar.com)

Contact our headquarters, subsidiaries or local authorized distributors