

YINGLI SOLAR GG MODULE

Limited Warranty



Revision Date: Jun. 1st, 2024

Yingli Energy Development Company Limited (“Yingli Solar”) provides the following Limited Product Warranty and Limited Power Warranty (collectively, the “Limited Warranty”) with respect to its module products (“PV Modules” or “Modules”), subject to the conditions, exclusions and limitations set forth below.

1 LIMITED PRODUCT WARRANTY

Yingli Solar warrants to the purchaser (the “Customer”) that Modules shall be free from defects in materials and workmanship under normal application, use and service conditions during a period of twelve (12) years, beginning on the earlier of: i) the date such Modules were purchased; or ii) one (1) year anniversary from the production date (the “Warranty Start Date”). If a Module fails to conform to this Limited Product Warranty during this twelve-year period, Yingli Solar will, at its reasonable option, either (a) without extra charges, repair the defective modules or replace the entire or partial defective modules or (b) refund the Residual Value to the customer at the current comparable market price of such Module, at the Customer’ s claim.

Residual Value = Current Price (price-per-watt) *The sum of theoretical warranty output for Left-over Limited Power Warranty Period/ Limited Power Warranty Period

This Limited Product Warranty does not warrant a specific power output, which shall be exclusively covered under the Limited Power Warranty below.

2 LIMITED POWER WARRANTY

A. Limited 30-Year Linear Power Warranty

Yingli Solar further warrants that if, within thirty (30) years after the Warranty Start Date, the degradation of the power output in the first year shall not exceed 2.00% of the minimum labeled power output, which was originally stipulated on the label of Modules; the degradation in every subsequent year shall not exceed 0.45% of the minimum labeled power output. If the power output decline, which was beyond the anticipated natural decline (as set forth in the scheduled Power Output identified in Section C) was due to defects in materials or workmanship under normal application, use and service conditions, Yingli Solar will remedy such decline in power, at its reasonable option, either (a) without extra charges, repair the defective modules or replace the entire or partial defective modules; (b) provide the Customer with additional Module(s) to make up for such decline of power output so that the total power out, which was amounted up by the original one(s) and additional one(s) can equal or exceed the value in Power Output Schedule, provided, it is feasible for the Customer to install such additional Module(s); or (c) refund the Value Equivalent of the Output Gap between the actual power output of the Module and the value in Power Output Schedule, based on

*Warranty start date: With regard to direct purchase without distribution, warranty start date shall be the date agreed in a contract or the issuing date on the original invoice; In the event of resale or long storage, there shall be a default grace period before the modules are installed. However, the period shall not exceed one year after the recorded factory date on Yingli Solar inventory records.

the comparable current market price at the Customer’ s claim.

Value Equivalent of Output Gap = Current Price (price-per-watt) * (Theoretical Minimum Residual Warranty Power Output– Actual Power Output)* (Left-over Limited Power Warranty Period / Limited Power Warranty Period)

The Current Price (price-per-watt) was determined by YingLi

B. For purposes of determining Module power output, measurements shall be based on, or normalized to, standard test conditions of 1000 W/m² irradiance, 25°C cell temperature, and AM 1.5 light spectrum. Measurements shall be made in accordance with IEC 60904, and shall

account for measurement system error in accordance with EN 50380. Moreover, using the similar calibration module as the type used by Yingli Solar to calibrate the sun simulator possible, and conducting the power output test in well-known third party lab possible as well. In the meanwhile, recording the Electroluminescence cell debris detection image before the transportation and testing of the sample. In the event of any dispute, the customer shall select a third party testing laboratory in the list provided by Yingli. The selected lab shall be appointed to test the declared modules’ performance. The customer shall not unreasonably reject or delay admission of the test result. When sampling inspection is required, the sampling method should be jointly decided by both parties.

C. For purposes of determining Module power output from both sides, measurements shall be based on the test conditions of 25°C cell temperature, AM 1.5 light spectrum, and equivalent irradiance of IEC TS 60904-1-2 Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices.

D. Power Output Schedule

Period in Years from Warranty Start Date	Minimum Power Output at the end of each year
0	100%
1	98.00%
2	97.55%
3	97.10%
4	96.65%
5	96.20%
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%

Limited Warranty



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%
26	86.75%
27	86.30%
28	85.85%
29	85.40%
30	84.95%

3 GENERAL CONDITIONS, EXCLUSIONS AND LIMITATIONS

A. No third party or any agents or distributors of Yingli Solar is authorized to make any warranties other than those set forth herein, or to extend the warranty periods set forth above, on behalf of Yingli Solar. Yingli Solar does not assume any warranty liability beyond the scope of this warranty.

B. Claims under the Limited Warranty must be filed within the applicable warranty period for the Limited Warranty to be valid. The sales receipt from the first Customer purchase, or other reasonable documentary proof, is required in order to establish the Warranty Start Date.

C. The Limited Warranty is offered only to the original Customer and any person to whom the title(s) of the Module(s) was transferred, provided that the Modules remain installed at the site where they were originally installed, (each, a "Claimant").

D. The beneficiary of the Limited Warranty is the owner of the module(s), which could be either the first-hand purchaser, which means the original customer, or the final owner after transfers. It is to say that the Limited Warranty concerns directly with the Module(s), which can be transferred and then automatically gained without connection with the ownership of the power station where the modules are installed or the transfer of the modules. The Limited Warranty shall not exclude any indirect product liability and other cooperating obligations during the sub purchasing process.

E. The limited warranty shall not apply to the following scenarios:

- The payment has not been fulfilled without acceptable reason according to contract or after communication before the application of the Limited Warranty services.
- The Module(s) has been alternated, repaired or modified without

the expressed, prior written consent of Yingli Solar.

- The Module(s) has been relocated at a new site, other than the original installation site.
- Non-compliance with the Yingli Solar's Installation and User Manual when installing, using, repairing and retrofitting modules.
- Misuse, abuse, neglect, or accident in storage, transportation, handling, installation, application, use or service.
- Electrical surges, lightning, flood, fire, vandalism, tampering, accidental breakage, module discoloration, or other events reasonably beyond Yingli Solar's control.
- Installation on mobile platforms or in a marine environment; direct contact with corrosive agents or salt water; pest damage; or malfunctioning system components and other operating conditions, which are not expressly allowed in the Installation and User Manual.
- Alteration, removal or obliteration of the original Module label.
- Use of the Products in such a manner as to infringe supplier's or any third party's intellectual property rights (including but not limited to patents, trademarks, etc.)

In addition, the Limited Warranty does not cover cosmetic blemishes associated with installation, or the normal wear and tear of Modules. Disputes on optical appearance difference of/between individual Module(s) during acceptance inspection period is not accepted by Yingli Solar, and Yingli Solar only provides reasonable exchange at cost of Customer in case that resale of replaced module(s) with disputes is not affected by Customer.

F. The Limited Warranty does not cover Module installation and removal of defective Modules, or re-installation of the repaired, replaced or additional Modules, as well as the costs of any of the foregoing; and do not cover any other costs, lost profits or lost revenues associated with the performance or non-performance of defective Modules; provided, however, that for the accepted warranty claims, Yingli Solar shall be responsible for reasonable costs associated with transporting defective, repaired, replacement or additional Modules from and back to Claimant.

G. Any additional Modules provided, and any Modules repaired or replaced, by Yingli Solar under a warranty claim shall be covered by the same Limited Warranties and terms as the original Modules purchased that were the subject of the claim; no warranty periods or terms shall be extended because of a warranty claim or remedy. Yingli Solar shall make commercially reasonable efforts to replace defective Modules with new or refurbished Modules of the same or similar size and appearance, but reserves the right to deliver another Module type in the event that Yingli Solar has discontinued production of the Module type that is the subject of the warranty claim provided, that such other Module type is compatible to the Customer's YLM GG System. Replaced Modules and parts shall become the property of Yingli Solar.

H. For EU: Notwithstanding anything to the contrary in this Limited Warranty, in the case that the Modules are subject to the Undertaking

Limited Warranty



Agreement (as defined below), any replacement of the Modules due to warranty claims shall be subjected to the arrangements as stipulated in the Undertaking Agreement and/or other instructions enacted by European Commission. Yingli Solar hereby reserves its right to determine in accordance with the requirements of the Undertaking Agreement whether to replace the defected Modules or to refund the Customer an amount equal to the original price of defected Modules. The “Undertaking Agreement” refers to (EU) Regulation No. 423/2013 of 2 August 2013 “accepting an undertaking offered in connection with the anti-dumping proceeding concerning imports of crystalline silicon photovoltaic modules and key components (i.e. cells and wafers) originating in or consigned from the People’s Republic of China” which exempts importer from paying anti-dumping duty on condition that net selling price will not be lower than a certain minimum import price accompanied with other undertaking obligations.

4 OBTAINING WARRANTY SERVICE

To obtain warranty service, the Customer or other Claimants should promptly contact the seller from which they purchased the Modules, who will then provide instructions and forms for filing the claim. The claim applicant shall cooperate with the seller to submit the relevant supporting materials of the claim, and the seller will review and evaluate the claim. If such seller no longer exists or cannot be reached, the Customer or other Claimant may contact Yingli Solar directly as indicated through our website, www.yinglisolar.com. Yingli Solar will not accept the return of alleged defective Modules as well as payable logistics expenses. Unless prior written authorization has been provided by Yingli Solar generally (e.g. replacement agreement or email commitment from Yingli Solar). Unless otherwise indicated, Modules that have been authorized for return by Yingli Solar shall be shipped to a local Customer Service Center as designated by Yingli Solar. Under the condition Yingli Solar picks up the replaced modules itself, the Customer shall properly pack and store the modules to be replaced. In the event that a claim is rejected by Yingli Solar, the Claimant is entitled to challenge the results by appealing to an accredited testing laboratory. If there is any special agreement between Yingli Solar and the Customer, the Customer shall explicitly inform Yingli Solar and submit such agreement or evidence before applying the Limited Warranty Service.

If Yingli Solar is prevented, hindered or delayed in or from performing any of its obligations under this Warranty by a Force Majeure Event, Yingli Solar shall not be in breach of this Warranty or otherwise liable for any such failure or delay in the performance of such obligations of this Warranty. Yingli Solar shall promptly notify the customer of Force Majeure and negotiate with customers to take necessary measures to minimize the impact of Force Majeure.

5 EXCLUSIVE REMEDIES; LIMITATION OF LIABILITY

The Limited Product and Limited Power Warranties set forth herein shall be the sole and exclusive warranties granted by Yingli Solar, and shall be the sole and exclusive remedies available to the Customer or other Claimant for any breach of warranty, express or implied. Provision of remedies, in the manner and for the periods described herein, shall constitute all the liabilities and responsibilities of Yingli Solar to the Customer and each other Claimant with respect to the Modules. In no event will Yingli Solar be liable for any consequential, incidental, special or punitive damages arising from or out of the Modules or their installation, use, performance or non-performance, or any defect or breach of warranty, whether based on contract, warranty, negligence, strict liability, or any other theory. Damages for loss of use, loss of profits, loss of revenues and loss of production are specifically disclaimed. Some States or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Under no circumstances shall Yingli Solar’s liability for nonconforming Modules exceed the purchase price paid by the customer for the particular Modules involved, plus reasonable transportation costs.

6 VALIDITY

This Limited Warranty applies to all Modules as well as YLxxxD(F54, F66, F72) e/2 and YLxxxD(F60, F66) f/2 modules series dispatched from Yingli Solar after June 1st, 2024.

The Chinese Limited Warranty shall only apply to Modules sold inside China region and shall not apply to any Modules resold outside China region, unless otherwise agreed by Yingli Solar.

This Limited Warranty applies only to certified products of Yingli Solar, which are duly labeled with “Yingli Solar” brand. It should not be considered as a warranty to the power station, or any kind of commercial insurance. All the certified products from Yingli Solar shall be labeled with the “Yingli Solar” logo, and its Electroluminescence image is stored in Yingli Solar, the sole flash test data of each Module is provided to Customer as requested, which should be kept by the Customers confidentially and properly for authenticity verification purpose.

7 MISCELLANEOUS

If any part or provision of this Yingli Solar Module Limited Warranty, or the application thereof to any person or circumstance, is held invalid, void or unenforceable, such holding shall not affect any other parts, provisions or applications of this Yingli Solar Module Limited Warranty, which shall remain in full force.

This Limited Warranty is available in multiple languages. If, for any reason, there is a conflict between the English-language version and any other version, the English-language version shall prevail.