LIMITED WARRANTY

REV. EN20251215 - LINEAR - PV MODULE

Gokin Solar Co., Ltd. or its affiliates (hereinafter referred to as "Gokin") generally provide the Warranties set forth herein to the original purchaser and its successors and permitted assigns (hereinafter referred to as "Customer") with respect to any solar photovoltaic module (hereinafter referred to as "Module") set forth herein sold by Gokin pursuant to Master Solar Module Sales Agreement, Purchase Order, Purchase Invoice or any other valid sales document agreed upon the parties (hereinafter referred to as "Original Agreement"), in each case that is dated on or after 15th December, 2025 subject to the terms and conditions herein (hereinafter referred to as "Limited Warranty"). Gokin and Customer may hereinafter be referred to each as a "Party" and collectively as the "Parties".

Types of Modules Covered by this Limited Warranty and the General Terms						
Technical Category	**Product Model**	**Limited Product Warranty Period**	**Limited Power Warranty Period**	**First Year Degradation Rate**	**Annual Degradation Rate**	**Minimum Output Power During Limited Power Warranty Period %**
TOPCon	GK-2-66HTBD-xxxM	12	30	1.00%	0.40%	87.40%
	GK-4-78HTBD-xxxM	12	30	1.00%	0.40%	87.40%
	GK-4-66HTBD-xxxM	12	30	1.00%	0.40%	87.40%
	GK-1-72HTBD-xxxM	12	30	1.00%	0.40%	87.40%
	GK-1-78HTBD-xxxM	12	30	1.00%	0.40%	87.40%
	GK-4-54HTBD-xxxM	15	30	1.00%	0.40%	87.40%
	GK-1-54HTBD-xxxM	15	30	1.00%	0.40%	87.40%
	GK-4-48HTBD-xxxM	15	30	1.00%	0.40%	87.40%
	GK-2-72HTBD-xxxM	12	30	1.00%	0.40%	87.40%
BC	GK-3-72HGBD-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-72HG-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-54HGBD-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-54HGDb-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-54HG-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-54HGb-xxxM	15	30	1.00%	0.35%	88.85%
	GK-4-66HGBD-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-72HGFBD-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-72HGF-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-54HGF-xxxM	25	30	1.00%	0.35%	88.85%
	GK-3-54HGFb-xxxM	25	30	1.00%	0.35%	88.85%
	GK-3-54HGFDb-xxxM	25	30	1.00%	0.35%	88.85%
	GK-4-78HGBD-xxxM	15	30	1.00%	0.35%	88.85%
	GK-3-54HGFBD-xxxM	25	30	1.00%	0.35%	88.85%

Table 1. Types of Modules covered by this Limited Warranty

1. LIMITED WARRANTY

1.1 Definitions and Table Description

Actual Power Output.

Actual Power Output means the power output of the Module, expressed in Watts, measured at STC at a given point in time in a year after the Warranty Start Date, corrected for any measurement error, as per IEC 61215.

Annual Degradation Rate.

For each year after the first year following the Warranty Start Date until the end of the applicable Limited Power Warranty Period, Gokin warrants that the Degradation Rate of Modules shall not exceed the applicable Annual Degradation Rate set forth at Table 1 applicable for each Module Type.

Degradation Rate.

Degradation Rate means any positive amount calculated in accordance with the following formula, expressed as a percent:

Degradation Rate = (Nominal Power Output-Actual Power Output)/ Nominal Power Output×10 0 %

First Year Degradation Rate.

In the first year following the Warranty Start Date, the applicable maximum Degradation Rate of Modules set forth at Table 1.

Nominal Power Output.

Nominal Power Output means the original manufactured nameplate specification of power in the Module (Maximum Power, P_{max}), expressed in Watts, and measured at STC, excluding any specified positive tolerance.

Standard Test Conditions (STC).

① Air mass 1.5, ② Irradiance 1000W/m^2, ③ Cell Temperature 25°C

Warranty Start Date.

Warranty Start Date means the earlier of: (i) the date falling three (3) months after the date of delivery of the Modules to the Buyer; or (ii) the date of initial installation of the Modules.

$P_{1st\ year,\%}$.

$P_{1st\ year,\%}$ represents the warranted Actual Power Output of Modules at the end of the first year following the Warranty Start Date.

$$P_{1st\ year,\%} = 100\% * (1 - \text{First Year Degradation Rate})$$

P N year, % .

P N year, % represents the warranted Actual Power Output of Modules at the end of a year (N) after the first year following the Warranty Start Date until the end of the applicable Limited Power Warranty Period as specified at Table 1.

$P_{N\,year,\%}$ = 100% * (1 - (First Year Degradation Rate + Annual Degradation Rate * (N-1)) ,

With N, 2 ≤ N ≤ Limited Power Warranty Period

1.2 Limited Product Warranty

Beginning on the Warranty Start Date and for the Limited Product Warranty Period, Gokin warrants that the Module and its respective DC connectors and cables (hereinafter referred to as the "Products") will be free from material defects in workmanship which impair the performance of theProducts. Material defects shall not include changes in appearance or normal wear and tear of the Products.

1.3 Limited Power Warranty

Beginning on Warranty Start Date and for the first year following the Warranty Start Date, Gokin warrants that the Degradation Rate of Modules shall not exceed the applicable First Year Degradation Rate; for each year after the first year, the Degradation Rate of Modules shall not exceed the applicable Annual Degradation Rate, as set forth at Table 1.

2. Warranty Claim and Remedies

2.1 Warranty Claim

a) Customer shall bear the burden of establishing a breach of the Limited Product Warranty or Limited Power Warranty (collectively, "Warranties"), and if Customer believes that there has been a breach of the Warranties, Customer shall promptly and no later than thirty (30) days via the after-sales online platform at https://gokinsolar.com after knowledge thereof, provide notice to Gokin setting forth the following evidentiary documents or information related to the claim:

1) Identifying information of the claimant;
2) A detailed description of the claim;
3) Supporting materials including photos of affected modules or testing reports;
4) Serial number, types, and numbers of affected module;
5) Evidence of purchase of the affected Module and Warranty Start Date;
6) Initial installation location;
7) Other supplementary information required by Gokin; and
8) Upon request by Gokin, the actual Module(s) allegedly causing the breach.

In the event that Customer fails to notify Gokin and provide the relevant information of (1)-(8) as described above, Gokin is entitled to refuse to process the relevant claim without any liability.

b) Gokin will review and evaluate alleged claims after receipt of the claim and full information as stipulated herein. If Gokin at its sole discretion considers it necessary, Gokin can request the Modules be shipped to the Independent Testing Lab for testing. In the event Customer returns the Modules without written consent from Gokin, the risks (including but not limited to damage and loss of the Modules) and expenses related to the Modules shall be borne by Customer.

c) Notwithstanding anything to the contrary herein, Gokin shall be entitled, in Gokin's sole discretion upon written notice to Customer, to require that any breach of the Warranties alleged by Customer be reviewed by TÜV Rheinland, TÜV SUD or other neutral third party testing laboratory selected by Gokin and approved by Customer, such approval not to be unreasonably withheld or delayed ("Independent Testing Lab"). The power measurement tolerance of any testing equipment utilized by any Independent Testing Lab in performing tests required by this Section 2.1 (c)] 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.

d) Gokin shall first bear reasonable testing costs incurred by the Independent Testing Lab pursuant to Section 2. 1(c) hereto, including but not limited to shipping, testing services, and insurance. However, Customer shall promptly upon receipt of notice indemnify Gokin for all such costs on a dollar-for-dollar basis in the event that the Independent Testing Lab is unable to confirm a b reach of the Warranties or, if no Independent Testing Lab was utilized, Customer is otherwise unable to establish a b reach of the Warranties.

e) Notwithstanding anything to the contrary in this Limited Warranty, Gokin shall not be liable to the successors and permitted assigns of t he Limited Warranty for the portion of warranty benefits that arising from the similar root cause and has already been processed and/or enjoyed prior to the transfer of this Limited Warranty. For the avoidance of doubt, the benefits of the successors and permitted assigns of t he Limited Warranty shall exclude the portion claimed by the previous Customer.

2.2 Remedies for Claims

a) Remedies Option

In the event that the Module(s) breaches the Warranties, then Gokin shall, at its sole discretion, provide one of the following remedies:

1) Repair the defective Modules. In such case, Gokin shall prepare the repair project plan and carry out the repair project for the affected modules; or
2) Replace the defective Modules. In such case, the replacement modules' Actual Power Output shall be no less than the Theoretical Minimum Residual Warranty Power Output of the replaced Module(s)
   Theoretical Minimum Residual Warranty Power Output = Nominal Power Output * (1 - (First Year Degradation Rate + Annual Degradation Rate * (N-1))
   Note: year N , 0 ≤ N ≤ Limited Power Warranty Period; or
3) Refund the **Residual Value** of the defective modules or refund the **Value Equivalent of the Output Gap** (Gap between the Theoretical Minimum Residual Warranty Power
   Output and the Actual Power Output of the defective Module(s))

   Residual Value = Current Price (price-per-watt) * Nominal Power Output * (Left-over Limited Power Warranty Period / Limited Power Warranty Period)

   Value Equivalent of Output Gap = Current Price (price-per-watt) * (Theoretical Minimum Residual Warranty Power Output – Actual Power Output)
   The Current Price (price-per-wat) is determined by Gokin; or
4) Provide additional Module(s) to compensate for the power output loss for any Module which causes a b reach of the Warranties.

b) Remedies Description

Unless otherwise agreed in writing, additional, repaired or replacement Modules shall be delivered to the same destination and on the same INCOTERMS 20 2 0 delivery basis that the original Module causing breach of the Warranties was delivered under the Original Agreement to which this Limited Warranty applies. Replaced Modules received by Gokin pursuant to Section 2.2 shall be the sole property of Gokin. Gokin shall be solely responsible for all shipping costs incurred performing its additional supply, repair or replacement obligations under this Section 2.2(b) . For avoidance of doubt, it is expressly stated here that any costs incurred due to dismantling, repacking, installation or re-installation the Module(s) and other related expenses shall be borne by the Customer.

Additional or replacement. Modules shall be of the same type and physical form as the original Module, electrically compatible with the original Module, and have an electrical output of not less than the warranted power output of the original Module at the time of supply or replacement, based on the warranted degradation rates set forth at Section 1 hereto. Notwithstanding the foregoing, if Gokin no longer supplies Modules meeting the foregoing criteria, then additional or replacement Modules provided under this Section 2. 2(b) shall be those Modules then supplied by Gokin most substantially meeting the foregoing criteria. Gokin ’s performance of any repair, replacement or additional supply pursuant to this Section 2.2(b) shall not extend the term of any Warranties.

Unless otherwise agreed upon in the Original Agreement, Customer s hall dispose of out-of-use Module (s) in accordance with applicable regulations on electronic waste treatment and disposal at its own cost and the same shall not be reworked, re-sold or re- used in any way. If Gokin determines to retrieve such Modules, the ownership of same is deemed to belong to Gokin, and Gokin shall bear the transportation costs related with delivery of the Module(s) from their original place to the destination location designated by Gokin.

c) Exclusions

This Limited Warranty is subject to the exclusions set forth in this Section 2.2(c) . The Warranties shall not apply to any Module or Products which have been:

1) Altered, repaired or modified without the prior written consent of Gokin or otherwise inconsistent with Gokin’s written instructions; or

2) Used in a manner inconsistent with the version of Gokin Installation Manual available at www.Gokinsolar.com on the date the Module is manufactured; or

3) Removed and re-installed at any location other than the physical location in which it was originally installed following purchase by Customer or receipt from Gokin as a replacement Module; or

4) Subject to misuse, abuse, neglect, or accident except as may be caused by Gokin in the course of storage, transportation, handling , installation, application, use or service; or

5) Subject to power surges, lightning, floods, fires, natural disasters and other force majeure or module damage due to war, tampering , vandalism , accidental breakage, or other events beyond Gokin’s control, resulting in material damages to the Module; or

6) Installed on mobile platforms (other than single or dual-axis trackers) or in a marine environment; or

7) Subject to direct contact with corrosive agents or salt water, pest damage, or malfunctioning PV system components; or

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

9) Use of the Products in such a manner as to infringe Gokin’s or any third party`s intellectual property rights (including but not limited to patents, trademarks, etc.) .

The Warranties shall not apply to any Module (and/or Product if applicable) for which the labels thereon indicating type or serial number have been altered, removed or made illegible. The Warranties shall not apply to any Module and Product for which full and final payment has not been received by Gokin or for Modules which are purchased through unauthorized sales channels or for Modules which are not genuine and are found to be counterfeit.

The Warranties only apply to Modules (and/or Products, if applicable) that remain within the original sales region where the Modules were delivered under the Original Agreement between Gokin and Customer. The Warranties shall not apply to any Module (and/or Product, if applicable) that has been relocated outside of the original sales region.

3. LIMITS OF LIABILITY

NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS LIMITED WARRANTY, EXCEPT AS EXPRESSLY PROVIDED HEREIN, GOKIN MAKES NO WARRANTIES, GUARANTEES OR CONDITIONS, EXPRESS OR IMPLIED, ARISING FROM OR RELATING TO THE MODULES AND GOKIN DISCLAIMS ANY WARRANTY OR GUARANTEE IMPLIED BY LAW, INCLUDING IMPLIED WARRANTIES OF PERFORMANCE, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND IMPLIED WARRANTIES OF CUSTOM OR USAGE, ARISING FROM OR RELATING TO THE MODULES. THE REMEDIES FOR BREACH OF THIS WARRANTY ARE CUSTOMER'S SOLE AND EXCLUSIVE REMEDIES ARISING FROM OR RELATING TO ANY BREACH OF THE WARRANTIES. IN NO EVENT SHALL GOKIN BE RESPONSIBLE PURSUANT TO THIS WARRANTY FOR ANY PERFORMANCE ANALYSIS, INSPECTION, DIAGNOSIS, REMOVAL, CUSTOMS, IMPORT DUTIES, EXPORT DUTIES, TAXES, REINSTALLATION COSTS, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING LOSSES OR DAMAGES CAUSED BY REASON OF LOSS OF USE, LOSS OF PROFITS OR REVENUE, INTEREST CHARGES (EXCEPT AS EXPRESSLY PROVIDED HEREIN), LOSS OF BONDING CAPACITY, COST OF CAPITAL OR CLAIMS OF CUSTOMER DAMAGES, WHETHER LIABILITY ARISES AS A RESULT OF BREACH OF CONTRACT, TORT LIABILITY (INCLUDING NEGLIGENCE), STRICT LIABILITY, BY OPERATION OF LAW OR IN ANY OTHER MANNER. EXCEPT AS SET OUT IN THIS LIMITED WARRANTY, GOKIN SHALL HAVE NO RESPONSIBILITY OR LIABILITY WHATSOEVER FOR DAMAGE OR INJURY TO PERSONS OR PROPERTY, OR FOR OTHER LOSS OR INJURY RESULTING FROM ANY CAUSE WHATSOEVER ARISING OUT OF OR RELATED TO THIS LIMITED WARRANTY. IF GOKIN IS LIABLE FOR COMPENSATION TO THE CUSTOMER, THE TOTAL AMOUNT OF COMPENSATION SHALL NOT EXCEED THE INVOICE PRICE OF THE DEFECTIVE MODULE(S) PAID BY THE CUSTOMER.

4. ASSIGNMENT

Notwithstanding anything to the contrary herein, this Limited Warranty is for the sole and exclusive benefit of Customer and there are no third party beneficiaries hereof; provided, however, subject to written notice to Gokin and Gokin's receipt of full and final payment for the Modules, this entire Limited Warranty may be assigned in whole but not in part to any person or entity. Any permitted assignee of this Limited Warranty shall execute such agreements as may reasonably be requested by Gokin to confirm the applicability of any term hereof as a condition to assignment.

5. LAW AND FORUM

Any dispute related to or arising out of this Limited Warranty, including without limitation any question regarding its existence, validity, breach, or termination, shall be referred to and finally resolved pursuant to the governing law clauses and dispute resolution procedures under the Original Agreement between the original purchaser and Gokin. As a condition to any obligation of Gokin hereunder, Gokin may require any Customer seeking to enforce this Limited Warranty to execute such additional agreements as may reasonably be required to enforce the terms of this Section 5.

6. MERGER CLAUSE

This Limited Warranty sets forth the entire agreement and understanding of the Parties relating to the subject matter herein and supersedes all prior or contemporaneous discussions, understandings and agreements, whether oral or written, between them relating to the subject matter hereof.

7. SEVERABILITY

If one or more provisions of this Limited Warranty are held to be unenforceable under applicable law, the Parties agree to renegotiate such provision in good faith. In the event that the Parties cannot reach a mutually agreeable and enforceable replacement for such provision, then (a) such provision shall be excluded from this Limited Warranty, (b) the balance of this Limited Warranty shall be interpreted as if such provision were so excluded and (c) the balance of this Limited Warranty shall be enforceable in accordance with its terms.

8. MISCELLANEOUS

The terms of this Limited Warranty are conditioned upon their incorporation in the Original Agreement between Gokin and Customer, and when incorporated to such agreement, this Limited Warranty shall be subject to the terms thereof and subject to modification when incorporated therein. Gokin reserves the right to modify or update this Limited Warranty at any time, with or without notice.

Should Customer have any concerns or questions regarding this Limited Warranties, the Products, or the services provided by Gokin, please contact our aftersales department via email yxg nc s@ go kin solar . com .

[END OF LIMITED WARRANTY]