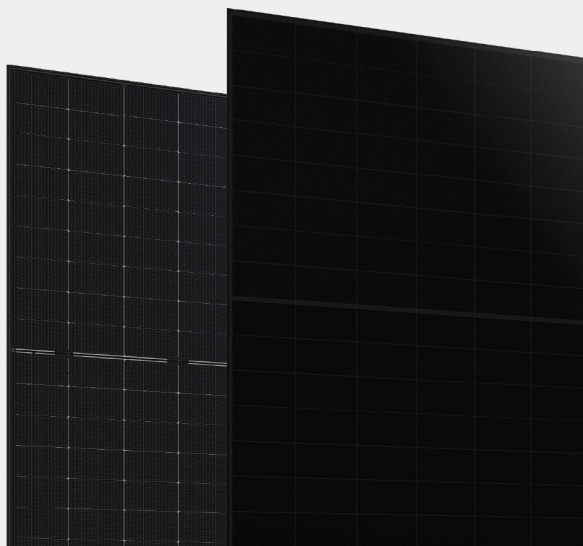




Photovoltaic Panels



Limited Warranty for PV Modules

Only applicable to Utilities and Power Plant

1. Limited Product and Power Warranties

Effective Date: **January 1, 2026**

PV Module(s). This Limited Warranty is effective for photovoltaic modules from Huansheng Photovoltaic Co., Ltd. (“HSPV”) with the model numbers listed in the Warranty Table sold after the Effective Date (the “PV Modules”). The PV Module(s) exclude any power electronic, external connector, jumper, microinverter or other external device included or sold with the PV Modules.

Warranty Start Date. The Warranty Start Date is the earlier of: (i) the date of array interconnection, and (ii) 6 months following delivery of the PV Modules. If the delivery date cannot be verified, then the manufacturing date will be used in its place.

Product Warranty. Subject at all times to the terms and conditions in this Limited Warranty, HSPV warrants the PV Modules will be free from defects in materials and workmanship that materially impact the functioning of the PV Modules under normal application, installation, use and service conditions during the Product Warranty Term, as set forth in the Warranty Table.

Power Warranty. Subject at all times to the terms and conditions in this Limited Warranty, HSPV warrants the PV Modules will have a Measured Peak Power¹ of at least the Guaranteed Peak Power during the Power Warranty Term, as set forth in the Warranty Table.

Warranty Table.

PV Modules ²	Product Warranty Term	Power Warranty Term	Guaranteed Peak Power (a percentage of “Minimum Peak Power,” which is the rated power shown on the label for the PV Module)
HSM-ND66-GKxxx HSM-GKA-NMxxx TCL-MGxxxDT210-68NS HSM-NT66-GHxxx HSM-NT66-GLxxx	15 years from the Warranty Start Date	30 years from the Warranty Start Date	99% of the Minimum Peak Power for the 1 st year of the Power Warranty Term, reduced by 0.40% at the beginning of each subsequent year of the Power Warranty Term, down to 87.4% for the final 30 th year.
HSM-BD72-GCxxx HSM-BD66-GRxxx	15 years from the Warranty Start Date	30 years from the Warranty Start Date	99% of the Minimum Peak Power for the 1 st year of the Power Warranty Term, reduced by 0.35% at the beginning of each subsequent year of the Power Warranty Term, down to 88.9% for the final 30 th year.

¹ “Measured Peak Power” is a measurement of the watt peak of a PV Module at Standard Test Conditions (1000W/m² irradiance, AM1.5, 25°C. SOMS current, LACCS FF and Voltage from NREL calibration), as described in IEC61215, measured per IEC60904, and accounting for 3% measurement tolerance. Measured Peak Power measurements require a sweep rate of no less than 200ms to ensure an accurate power measurement. TCL can provide a detailed testing procedure or a list of recognized testing agencies upon request.

² xxx represents the module power.

2. Customer Support, Claims Process and Coverage

If any PV Module fails to conform to this Limited Warranty, except in the event such failure or any power loss results from or arises out of (in whole or in part) any of the excluded events set forth in Section 4 below, as determined by TCL in its sole reasonable discretion, then for the applicable Warranty Term, TCL will elect (in its sole and absolute discretion) to either repair, replace, or refund the defective PV Modules as set forth herein.

If you have a claim covered by this Limited Warranty, then immediately contact TCL at customers@sunpowerglobal.com. Upon receipt of a claim, TCL may require additional information regarding the claim, including: applicable warranty registration information; itemized proof of purchase, delivery or installation; serial and model numbers; and evidence regarding the basis of claim. All TCL obligations hereunder are expressly contingent upon the timely and full provision of such additional information. Returned PV Modules will not be accepted unless prior written authorization has been provided by HSPV.

For any valid claim hereunder pertaining to any PV Module, TCL will, in its sole discretion, repair, replace, or refund the original purchase price of the covered PV Modules. For repairs and replacements, TCL will pay reasonable, customary transportation costs for the return of covered PV Modules from, and the shipment of repaired or replacement PV Modules to, the place where the covered PV Modules were originally delivered by TCL. Replacement PV Modules may be refurbished or remanufactured PV Modules, will be electrically and mechanically compatible with the covered PV Modules, and will have a substantially equal or greater power rating.

If TCL issues a refund under a valid Product or Power Warranty claim, then TCL will refund the original purchase price for the first five years of the applicable Warranty Term, and then linearly depreciate the refund amount by 4.75% per year (the "Claim Value"), provided that for a valid Power Warranty claim, TCL will refund the Claim Value multiplied by the percentage difference between the Guaranteed Peak Power percentage and the Measured Peak Power percentage (both as a percentage of the Minimum Peak Power). If you are unable to substantiate the original purchase price, then TCL will use the current market value instead of the original purchase price to determine the Claim Value.

3. General Conditions for Warranty Claims

- a) Any and all coverage, right, and performance under this Limited Warranty is expressly conditioned upon full payment (including full payment of any charges for interest or late payment) due to TCL.
- b) TCL has no obligations if there are outstanding charges or payments for PV Modules that are the subject of a warranty claim.
- c) All warranty claims hereunder must be filed within the applicable Warranty Term. Any warranty claim filed outside the applicable Warranty Term, including any claim for a latent or undiscovered defect, is invalid and will be rejected by TCL.
- d) The Product and Power Warranty Terms for any repaired or replaced PV Module shall not extend beyond the original terms.
- e) When PV Modules are used on a mobile platform of any type, such as a vehicle (not including trackers), the Product and Power Warranty Terms shall each be limited to 12 years.
- f) PV Modules used with floating mounting systems are excluded entirely unless prior written approval is obtained from TCL, subject to any terms, conditions, and changes as may be set out in such written approval.
- g) In cases of PV Module replacement, title to any replaced PV Module shall pass to TCL.
- h) All warranty claims must be filed by or on behalf of the warranty holder. HSPV may require documentation to confirm the identity of the warranty holder, authority of the claimant, and the sale, delivery, and original place of installation of the PV Modules. TCL may reject warranty claims with insufficient documentation.
- i) This Limited Warranty is fully assignable by the warranty holder to a third party, provided: the warranty holder provides notice of assignment in accordance with www.sunpowerglobal.com within 90 days of the assignment; the notice includes reasonable documentation evidencing such assignment; and the subsequent warranty holder completes digital registration of the PV Modules.

4. Exclusions and Limitations

The Limited Warranty does not apply to any of the following, including any defects, failure, or power loss caused by:

- a) PV Modules subjected to: (i) misuse, abuse, neglect or accident; (ii) alteration or improper installation (improper installation includes, without limitation, installation that does not comply with all TCL installation instructions and operations and maintenance instructions of any type, as may be amended and updated from time to time at TCL's sole discretion, and all national, state, and local laws, codes, ordinances, and regulations); (iii) repair or modification by someone other than an approved service technician of TCL; (iv) conditions exceeding the voltage, wind, snow load, and any other operational specifications; (v) power failure or surges; (vi) indirect or direct damage from lightning, flood, fire or other acts of nature; (vii) damage from persons, biological activity, or industrial chemical exposure; or (viii) damage from impact or other events outside TCL's control.

Please read the safety and installation instructions.

Visit www.tclsolar.com.

Paper version can be requested through techsupport.EN@sunpowerglobal.com.



- b) Cosmetic defects or effects stemming from normal wear and tear of PV Module materials and cosmetic variations that do not cause power output to fall below the Guaranteed Peak Power. Normal wear and tear of PV Module materials includes, but is not limited to, fading of frame color, weathering of glass coatings, and areas of discoloration around or over individual solar cells or any part of the PV Module.
- c) PV Modules installed in locations, in TCL's absolute judgment, that may be subject to direct contact with bodies of salt water.
- d) PV Modules for which the labels containing product type or serial number have been altered, removed or made illegible.
- e) PV Modules that have been moved from their original installation location without the express written approval of TCL.

TCL shall not be responsible or liable to the customer or any third-party arising out of any non-performance or delay in performance of any terms and conditions of sale, including this Limited Warranty, due to acts of God, war, riots, strikes, fire, flood, epidemics or pandemics (including without limitation COVID-19) or any other cause or circumstance beyond the reasonable control of TCL.

5. Limitation of Warranty Scope and Applicable Law

SUBJECT TO THE LIMITATIONS UNDER APPLICABLE LAW, THE LIMITED WARRANTY SET FORTH HEREIN IS EXPRESSLY IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, GUARANTEES AND CONDITIONS. EXCEPT AS PROVIDED IN THIS LIMITED WARRANTY OR REQUIRED BY APPLICABLE LAW, ALL WARRANTIES, GUARANTEES AND CONDITIONS OF ANY KIND, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR PARTICULAR PURPOSE, USE, OR APPLICATION, COURSE OF DEALING, OR USAGE OF TRADE AND ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF TCL ARE EXPRESSLY EXCLUDED AND DISCLAIMED. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY, TCL 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 THE PV MODULES, INCLUDING, WITHOUT LIMITATION, ANY DEFECTS IN THE PV MODULE, OR FROM USE OR INSTALLATION. UNDER NO CIRCUMSTANCES SHALL TCL BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, HOWSOEVER CAUSED. LOSS OF USE, LOSS OF PROFITS, LOSS OF PRODUCTION, LOSS OF REVENUES ARE SPECIFICALLY, BUT WITHOUT LIMITATION, EXCLUDED. TCL'S AGGREGATE LIABILITY, IF ANY, IN DAMAGES OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID TO TCL BY THE CUSTOMER, FOR THE UNIT OF PRODUCT OR SERVICE FURNISHED OR TO BE FURNISHED, AS THE CASE MAY BE, WHICH GAVE RISE TO THE WARRANTY CLAIM.

SOME JURISDICTIONS MAY LIMIT OR DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES OR THE EXCLUSION OF CERTAIN DAMAGES SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU TO THE EXTENT PROHIBITED BY APPLICABLE LAW.

IF ANY PROVISION OF THIS LIMITED WARRANTY IS HELD ILLEGAL BY A COURT OR OTHER BODY OF COMPETENT JURISDICTION, SUCH PROVISIONS SHALL BE MODIFIED TO THE MINIMUM EXTENT REQUIRED TO COMPLY WITH THE LAWS OF SUCH COURT OR OTHER BODY OF COMPETENT JURISDICTION AND ENABLING THE REST OF THIS LIMITED WARRANTY TO CONTINUE IN FULL FORCE AND EFFECT.

THIS LIMITED WARRANTY SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE JURISDICTION WHERE THE PV MODULES ARE INSTALLED. THE COMPETENT COURTS SITTING IN SUCH JURISDICTION SHALL HAVE EXCLUSIVE JURISDICTION OVER ANY DISPUTES ARISING HEREUNDER.