

2023

AE SOLAR

LIMITED WARRANTY

- PHOTOVOLTAIC
- MODULMONOCRYSTALLINE
- MODULE PRODUCTS

AE Solar GmbH
Messerschmittring 54
86343 Königsbrunn
Germany

1. Limited Product Warranty - 30 Years Repair, Replacement, or Refund Remedy

AE Solar warrants to the original buyer (the “Buyer”) that the modules shall be free from defects in materials and workmanship that influence module functionality under normal application, installation, use, and service conditions as specified in AE Solar’s installation manual. AE Solar guarantees that the modules will maintain mechanical integrity and stability in accordance with approved operation methods described in the company’s installation manual. The glass of a module will maintain its integrity provided there are no indications of localized impacts or external forces. Additionally, the module’s cable and connector plug will remain safe and operational provided the modules are professionally installed. Any damages caused by abrasion, improper installation, or animals are exempt from this warranty. Claims under the warranty can only be accepted if the Buyer can provide proof that the malfunctioning or nonconformity of a module results exclusively from defects in materials and/or workmanship under normal application, installation, use, and service conditions specified in AE Solar’s installation manual. Any color change on the module or any other changes in module appearance does not represent defects, insofar as the change in appearance does not stem from defects in material and/or workmanship and does not cause degradation of the functionality of the module. If the product fails to conform to this warranty, AE Solar will, at its option, either repair or replace the product, or provide an appropriate residual market value of the product(s) as compensation.

2. Limited Peak Power Warranty - 30 Years Limited Remedy

2.1 For monocrystalline PERC single-glass modules, AE Solar guarantees the first year power degradation is no more than 2.5% from its nameplate power. From year 2 to year 30, the actual annual power decline will be no more than 0.55%. By the end of year 30, the actual power output will be no less than 81.55% of the labeled power output.

2.2 For monocrystalline PERC double-glass modules, AE Solar guarantees the first year power degradation is no more than 2.5% from its nameplate power. From year 2 to year 30, the actual annual power decline will be no more than 0.45%. By the end of year 30, the actual power output will be no less than 84.45% of the labeled power output.

2.3 For monocrystalline N-type TOPCon modules, AE Solar guarantees the first-year power degradation is no more than 1% of its nominal power output. From year 2 to year 30, the actual annual power decline will be no more than 0.4%. By the end of year 30, the actual power output will be no less than 87.4% of the nominal power output.

2.4 For monocrystalline N-type Heterojunction modules, AE Solar guarantees the first-year power degradation is no more than 1% of its nominal power output. From year 2 to year 30, the actual annual power decline will be no more than 0.38%. By the end of year 30, the actual power output will be no less than 87.98% of the nominal power output.

2.5 The actual power output of the module shall be determined for verification using Standard Testing Conditions only. The actual power output measurement is either carried out by a AE Solar facility or by a AE Solar recognized 3rd party testing institute. Testing equipment tolerances will be applied to all actual power output measurements.

2.6 In the event it is determined that there is a negative deviation of actual performance from the warranted values then AE Solar, at its option, will compensate for such loss in power by either providing to the Buyer additional modules to make up the total wattage loss, or by repairing or replacing the modules or providing an appropriate residual market value of the product(s) as compensation.

3. Exclusions and Limitations

3.1 Warranty claims must in any event be filed within the applicable warranty period.

3.2 The limited warranties do not apply to any PV modules which, in AE Solar's absolute judgment, have been subjected to:

- Misuse, abuse, neglect or accident;
- Alternation, improper installation or application;
- Non-observance of AE Solar's installation-users and maintenance instructions;
- Repair or modifications by someone other than a qualified service technician;
- Power failure surges, lighting, flood, fire, accidental breakage or other events outside AE Solar's control;
- Any move and subsequent installation of the module.

3.3 The limited warranties do not cover any shipping costs for the return of the PV modules, or for reshipment of any repaired or replaced PV modules, or cost associated with installation, removal or re-installation of the PV modules.

3.4 Warranty claims will not be honored if the type or serial number of the PV modules have been altered, removed or made illegible. All other statements made by AE Solar (including without limitation to those made in the AE Solar's promotional materials) in respect of the properties, performance characteristics and other aspects of the modules are for illustration only and are not legally binding on AE Solar. To the fullest extent permitted by law, AE Solar excludes all implied representations and warranties in respect of the modules, their properties and performance characteristics. To the fullest extent permitted by law, AE Solar also excludes all liabilities to the Buyer and any user of the PV modules produced by AE Solar for any loss of actual or anticipated profits, revenues, turnover, anticipated savings, business or goodwill.

4. Disputes

No action, regardless of form, arising out of or in any way connected with this limited warranty policy, may be brought by the Buyer more than one (1) year after the cause of action has accrued.

5. Various

The repair or replacement of the PV modules or the supply of additional PV modules does not cause the beginning of new warranty terms, nor shall the original terms of this limited warranty be extended. Any replaced PV modules shall become the property of AE Solar. AE Solar has the right to deliver another type (different in size, color, shape and /or power) in case AE Solar discontinues producing the PV-module in question at the time of the claim.

* If you have purchased this product in Australia, you should be aware that this warranty is provided in addition to other rights and remedies held by a consumer at law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

6. Module Type covered by this warranty

6.1. Monocrystalline PERC single-glass modules:

AExxxME-132 (xxx=650-660); AExxxME-120 (xxx=590-600); AExxxME-110 (xxx=540-550);
AExxxMD-144 (xxx=535-560); AExxxMD-132 (xxx=490-505); AExxxMD-120 (xxx=445-460);
AExxxMD-108 (xxx=400-415); AExxxSMB-60 (xxx=325-335)

6.2. Monocrystalline PERC double-glass modules:

AExxxMD-144BD (xxx=530-540); AExxxMD-132BD (xxx=485-495); AExxxMD-120BD (xxx=440-450);
AExxxMD-108BD (xxx=405-425)

6.3. Monocrystalline N-type TOPCon modules:

AExxxCMD-108BDE (xxx=420-440)
AExxxCMD-120BDE (xxx=470-490)
AExxxCMD-144BDE (xxx=560-580)
AExxxCMD-108BDS (xxx=420-440)
AExxxCMD-120BDS (xxx=470-490)
AExxxCMD-144BDS (xxx=560-580)

6.4. Monocrystalline N-type Heterojunction modules:

AExxxTMD-108BDE (xxx=410-445)
AExxxTME-120BDS (xxx=615-635)
AExxxTME-132BDS (xxx=680-700)

7. Contact Details

AE SOLAR GmbH

Tel: + 49 8231 97 826 80

Email: info@ae-solar.com; sales@ae-solar.com

Address: Messerschmittring 54, D-86343, Königsbrunn, Germany

Website: www.ae-solar.com

Authorized Distributor (Australia):

One Stop Warehouse

Tel: 0298327036

E-mail: iris.yu@onestopwarehouse.com.au, Charles.wang@onestopwarehouse.com.au

Address: 52 Quarry Road, Erskine Park, NSW 2759

Website: www.onestopwarehouse.com.au