

Limited Warranty for JA Solar Brand Crystalline Solar PV Modules

This *Limited Warranty for JA Solar Brand Crystalline Solar PV Modules* (hereinafter referred to as “**Limited Warranty**”) is issued by JA Solar Technology Co., Ltd. (JA SOLAR TECHNOLOGY CO., LTD.), which is headquartered at No.123 Xinxing Road 055550 Ningjin County, Hebei Province, PEOPLE’S REPUBLIC OF CHINA, or its legal successors or assigns (hereinafter collectively referred to as “**JA Solar**”), and applies exclusively to *Modules* (as defined in Section 1 hereof).

1. Definition of Modules:

Modules are defined in this *Limited Warranty* as photovoltaic solar modules manufactured by *JA Solar* or its authorized manufacturers, legitimately bearing “JA Solar” brand, that are of the following product types: in Clause 3.3 below

2. Effective Date, Beneficiary and Warranty Start Date:

2.1 This Limited Warranty takes effect on [10th] [May], 2026(hereinafter referred to as “**Effective Date**”) and applies to *Modules* first sold after the *Effective Date* (the date of sale shall be the date indicated in the contracts for the supply of the relevant *Modules* signed by *JA Solar* and its affiliates that sold the *Modules*). *Modules* sold before the *Effective Date* is still subject to the *Limited Warranty* applicable at the time of sale. This version of the *Limited Warranty* shall remain in effect for the duration of the *Limited Product Warranty Period* and *Limited Peak Power Warranty Period* for the applicable *Modules* covered.

2.2 The sole and exclusive beneficiary of this Limited Warranty is: the purchaser or its permitted successors or assignees under Section 7, whichever is the end user (“Customer”) with respect to any Module set forth herein sold by JA Solar under any Module Supply Agreement. For avoidance of doubt, such Customer is limited to a Buyer who acquires the title of Modules and maintains such Modules at the original place of installation without having Modules moved or disassembled after initial installation. Upon *JA Solar*’s written request, *Customer* shall confirm ownership of the *Modules*.

2.3 The term of this *Limited Warranty* starts from the earlier of: (i) the date of initial delivery to the *Customer* by *JA Solar* or its authorized manufacturer, or (ii) six (6) calendar months after *Modules* dispatch from the *JA Solar* factory as indicated by the serial numbers for such *Modules* (hereinafter referred to as “**Warranty Start Date**”).

3. Limited Warranty:

3.1 Limited Product Warranty:

Subject to the terms and conditions of this Limited Warranty, JA Solar warrants to the Customer, from the Warranty Start Date until the expiration of the product's limited warranty specified in Clause 3.3below (hereinafter referred to as "Limited Product Warranty Period") that the Modules (together with the factory-assembled DC connectors and cables), when installed, used, and serviced under normal operating conditions and in accordance with the JA Solar

module installation manual, product technical specifications and maintenance manual (which, if not provided in the supply contract, can be downloaded from JA Solar' official website at www.jasolar.com) shall be free of defects affecting the safety and normal use of Modules. in particular, subject to the terms and conditions of this Limited Warranty, JA Solar warrants against defects resulting from any design, materials, workmanship or manufacturing of the Modules which affects Module function (hereinafter referred to as “Limited Product Warranty”).

The Limited Product Warranty shall not cover any changes in the appearance of the Modules that occur after delivery or installation, including but not limited to those that do not affect the safe use of the Modules for their intended purpose, such as colour fading, minor deformation, and normal wear and tear (e.g., scratches, contamination, mechanical wear, rust, mildew and other forms of natural wear). The Limited Product Warranty does not warrant a specific power output or specific EL test results of any Modules, which shall be exclusively covered under Section 3.2 below.

3.2 Limited Peak Power Warranty

Subject to the terms and conditions of this Limited Warranty, JA Solar warrants, from the Warranty StartDate and for a period of 25 or 30 years, as specified for each product type in Clause 3.3 below ("Limited Peak Power Warranty Period") that the Modules will have the degradation rates specified in Clause 3.3below. During this period, if the Peak power degradation of the Module is determined by JA Solar or a third-party institution recognized by JA Solar to be lower than the values specified in Clause 3.3 below, JA Solar shall assume the Limited product warranty obligations in accordance with the terms and conditions of Clause 5.2 below (hereinafter referred to as “Limited Peak Power Warranty”)

3.3 The details of the Limited Product Warranty and Limited Peak Power Warranty warranted for each model are as follows:

Note: “X” represents a placeholder for different types of Modules under different power class.

Product Series	Product Type	Product Model	The product limited warranty period	The peak power limited warranty period	First-year degradation rate	Annual decline rate	The remaining power after the warranty period
Deepblue 3.0	P type single glass Black Module	JAM54S31-XXX/MR	15	25	2%	0.55%	84.8%
Deepblue 4.0	N type single glass	JAM54S40-XXX/LR	15	25	1%	0.40%	89.4%
Deepblue 4.0	N type single glass	JAM60S40-XXX/LR	15	25	1%	0.40%	89.4%
Deepblue 4.0	N type single glass Black Module	JAM60S41-XXX/LR	25	25	1%	0.40%	89.4%
Deepblue 4.0	N type single glass Black Module	JAM54S41-XXX/LR	25	25	1%	0.40%	89.4%
Deepblue 4.0	N type double glass	JAM60D40-XXX/LB	15	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass	JAM60D42-XXX/LB	15	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass Monofacial	JAM54D40-XXX/LR JAM54D40-XXX/LR/AU	25	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass	JAM54D40-XXX/MB JAM54D40-XXX/LB	15	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass Black Module	JAM60D41-XXX/LB	25	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass Monofacial Black Module	JAM54D41-XXX/LR	25	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass Black Module	JAM54D41-XXX/MB JAM54D41-XXX/LB	25	30	1%	0.40%	87.4%
Deepblue 5.0	N type single glass	JAM48D50-XXX/ LR	25	30	1%	0.35%	88.85%
Deepblue 5.0	N type double glass Monofacial Black Module	JAM48D51-XXX/LR	25	30	1%	0.35%	88.85%

Deepblue 5.0	N type double glass	JAMXXD50-XXX/GR JAMXXD50-XXX/LR	15	30	1%	0.35%	88.85%
HYPER GEN 5.0	N type single glass	JAT54S40-XXX/LR JAT60S40-XXX/LR	15	30	1%	0.35%	88.85%
HYPER GEN 5.0	N type single glass Black Module	JAT54S41-XXX/LR JAT60S41-XXX/LR	25	30	1%	0.35%	88.85%

For Product models other than the above-mentioned ones, 12-year product warranty is committed

Product Series	Product Type	Product Model	The product limited warranty period	The peak power limited warranty period	First-year degradation rate	Annual decline rate	The remaining power after the warranty period
Deepblue 2.0	P type mono-crystalline single glass	JAMXXS10-XXX/XX	12	25	2.5%	0.60%	83.1%
Deepblue 2.0	P type mono-crystalline double glass	JAMXXD10-XXX/XX	12	30	2.5%	0.50%	83%
Deepblue 3.0	P type mono-crystalline single glass	JAMXXS20-XXX/XX; JAMXXS21-XXX/XX; JAMXX S30-XXX/XX; JAMXX S31-XXX/XX; JAM72S17-XXX/GR	12	25	2%	0.55%	84.8%
Deepblue 3.0	P type mono-crystalline double glass	JAMXXD20-XXX/XX; JAMXXD/21-XXX/XX JAMXXD30-XXX/XX; JAMXXD31-XX/XX;	12	30	2%	0.45%	84.95%
Deepblue 4.0	N type single glass	JAMXXS4X-XXX/MR; JAMXXS4X-XXX/GR; JAMXXS4X-XXX/LR	12	25	1%	0.40%	89.4%
Deepblue 4.0	N type double glass	JAMXXD4X-XXX/MB; JAMXXD4X-XXX/GB; JAMXXD4X-XXX/LB (including Deepblue Lite series); JAMXXD4X-XXX/LR;	12	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass	JAMXXD4X-XXX/HB	12	30	1%	0.40%	87.4%
Deepblue 4.0	N type double glass	JAM72D40-XXX/MB-US	12	30	1%	0.40%	87.4%
Deepblue 5.0	N type double glass	JAMXXD50-XXX/GB	12	30	1%	0.35%	88.85%
HYPER GEN 5.0	N type single glass	JATXXS4X-XXX/LB	12	30	1%	0.35%	88.85%

4. Warranty Claims

4.1 Time Limit for Warranty Claims

All claims under the *Limited Product Warranty* must be submitted in writing to *JA Solar* within the *Limited Product Warranty Period*; while all claims under the *Limited Peak Power Warranty* must be submitted in writing to *JA Solar* within the *Limited Peak Power Warranty Period*. *JA Solar* shall have the right to reject any and all warranty claims submitted outside of the respective warranty period.

4.2 Burden of Proof for Warranty Claims

In any circumstance; the burden of proof for any warranty claim made by the *Customer* shall rest upon the *Customer*. The warranty claim will only be accepted if the *Customer* provides sufficient documentary evidence to fully demonstrate that **the only cause** of the fault or non-conformity in the *Modules* is a breach of the *Limited Product*

Warranty and/or the *Limited Peak Power Warranty*.

4.3 Warranty Claim Procedures

Customer shall; as soon as it becomes aware of an instance of non-conformity with the *Limited Product Warranty* and/or the *Limited Peak Power Warranty* (such *Modules* involved in the warranty claim are referred to as the "**Claim Modules**"); immediately (but in any event no later than the earlier of (i) 14 calendar days after it became aware of or should have become aware of such events; and (ii) the respective expiry date of the *Limited Product Warranty Period* and/or the *Limited Peak Power Warranty Period* for the *Claim Modules*) notify *JA Solar's* Quality Management Department by giving it written notice sent to: Building No.8; Nuode Center; Automobile Museum East Road; Fengtai District; Beijing; China (100160); Tel: 010-63611888; or via email sent to: Services@jasolar.com.

Customer shall provide the following information along with the notice: a) cause of the claim and related supporting documents; b) proof of purchase of the *Claim Modules* (including but not limited to the supply contract; commercial invoice; delivery and acceptance certificate; payment voucher; etc. If *Customer* did not purchase the *Claim Modules* directly from *JA Solar* or one of its affiliates; it shall provide proof of purchase from the supplier that can be traced back to the supply contract; commercial invoice; etc.; signed by *JA Solar* and its affiliates); c) product type and serial number of the *Claim Modules*; d) *Warranty Start Date* of the *Claim Modules*; e) place of installation of the *Claim Modules*; f) other additional information requested by *JA Solar*.

JA Solar will review and evaluate the claim. *JA Solar* may require the *Customer* to ship the *Claim Modules* back to *JA Solar's* factory for testing if it deems necessary; in which case; *JA Solar* will issue a return merchandise authorization (hereinafter referred to as "**RMA**") to *Customer*. **Customer shall only return the Claim Modules in accordance with the requirements of the RMA after receiving of the same issued by JA Solar. Otherwise; JA Solar shall have the right to reject the warranty claim and refuse to accept the Claim Modules returned by Customer without authorization; and the related risk of loss and expenses shall be borne by Customer.** If the *Claim Modules* returned are confirmed to be not in conformity with the *Limited Product Warranty* and/or the *Limited Peak Power Warranty*; *JA Solar* will reimburse *Customer* for the actual shipping and insurance costs associated with the returning of the *Claim Modules* based on the invoices related to such costs provided by *Customer*.

JA Solar has the right to decide at its sole discretion whether to conduct an on-site investigation and verification at the installation site of the *Claim Modules* by a representative. If *JA Solar* decides to conduct on-site investigation and verification; it shall notify *Customer* in writing at least 10 working days in advance of its plan for such on-site investigation and verification. *Customer* shall reply and confirm as soon as possible after receiving written notice from *JA Solar*. The parties shall communicate timely and cooperative to plan and enable a constructive and efficient on-site investigation and verification. For this purpose; *Customer* or plant operation staff is requested to fully cooperate (technical and logistical) with *JA Solar's* representative during the onsite investigation. If *Customer* refuses *JA Solar's* on-site investigation and verification request without any proper reason; *JA Solar* shall have the right to postpone the claim processing until additional and evaluable data are provided; or if not delivered within a reasonable period of time; to reject the related warranty claim.

4.4 Technical Disputes

Any dispute on technical facts relating to claims brought under this *Limited Warranty* shall be finally determined by an independent third-party testing organization. *JA Solar* and *Customer* shall jointly appoint a reputable international or Chinese testing organization or any other neutral third-party testing organization (hereinafter referred to as "***Third-party Testing Organization***") to determine the dispute. The ***Third-party Testing Organization*** should have the certificate of ISO/IEC17025; and should be mutually recognized and accepted by both parties at the time of the complaint. Neither *Customer* nor *JA Solar* shall unreasonably refuse to participate in the evaluation or delay the relevant testing and evaluation procedures; and shall provide convenience for the relevant testing and evaluation (including but not limited to providing convenience at the installation site and/or providing convenience for *JA Solar* to ship the *Claim Modules* involved to the *Third-party Testing Organization* for testing). Before carrying out such testing and evaluation; the *Third-party Testing Organization* shall inform *JA Solar* and *Customer* of the test equipment's power tolerance; which should be reflected in the final conclusions. The *Third-party Testing Organization* shall act as an expert; adjudicate on the disputed technical facts; allow the parties a reasonable opportunity to make representations and counter-representations and take those representations and counter-representations into account in making final conclusions. The final conclusions arrived at by the *Third-party Testing Organization* shall be final; conclusive and binding on both parties; and shall be a mandatory prerequisite for the judicial assertion of a warranty claim. Reasonable expenses incurred by the *Third-party Testing Organization* in carrying out the evaluation shall be paid in advance by *Customer*; including the cost of shipping the *Claim Modules* to the designated testing location of the *Third-party Testing Organization*; insurance costs; storage costs; etc.; as well as the service charges for testing and evaluation. If the *Third-party Testing Organization* concludes that the *Claim Modules* do not conform to the *Limited Product Warranty* and/or the *Limited Peak Power Warranty*; *JA Solar* shall reimburse for actual testing and transportation expenses prepaid by *Customer* upon receipt of the relevant written notice and copies of the relevant invoices. The risk of damage to and loss of the *Claim Modules* in the process of testing and evaluation by the *Third-party Testing Organization* shall be transferred at the same time as their ownership.

4.5 Ownership of the Claim Modules

The ownership of the *Claim Modules* is transferred to *JA Solar* only after *JA Solar* confirms *Customer's* warranty claim and provides replacements or refunds in accordance with the remedies provided under this *Limited Warranty*. Until such time; ownership of the *Claim Modules* shall remain with *Customer*.

5. Remedy for Warranty Claims:

5.1 Remedy under the Limited Product Warranty:

Should *JA Solar* confirm that the *Claim Modules* are indeed not in conformity with the *Limited Product Warranty*; it shall; at its sole discretion; within a reasonable time period; either: a) repair the *Claim Modules* at no charge to *Customer*; b) provide *Customer* with replacement *Modules* in place of the *Claim Modules*; c) for refund; it shall refer to the current market price(ex. The latest published price of PV Infolink) ; a refund of the purchase price as calculated by current market price per watt * nominal power * (remaining limited product warranty years/Limited

product warranty years)); or d) other compensation methods agreed by the parties; such as JA providing letter of credit / Credit Note; etc.; Unless the parties agree otherwise; *JA Solar* shall ship the repaired *Modules* or replacement *Modules* in the same manner and to the same destination as specified in the original supply contract signed by *JA Solar* or one of its affiliates. The cost of shipping shall be paid in the same manner as specified in the original supply contract.

5.2 Remedy under the Limited Peak Power Warranty:

Should *JA Solar* confirm that the *Claim Modules* are indeed not in conformity with the *Limited Peak Power Warranty*; it shall; at its sole discretion; within a reasonable time period; either: a) repair the *Claim Modules* at no charge to *Customer*; b) provide *Customer* with replacement *Modules* in place of the *Claim Modules*; c) make up the difference to the guaranteed power output by providing additional *Modules* at no cost to *Customer* such that the total power output of additional *Modules* equals the amount of degradation in the *Claim Modules*; calculated as follows:

(Nominal Power Output – the Average Peak Power Output of the Sampling Modules)* number of Claim Modules;

d) for refund; it shall refer to the current market price(ex. The latest published price of PV Infolink); a refund of the purchase price as calculated by current market price per watt * nominal power * (remaining limited product warranty years/Limited product warranty years)); or e) other compensation methods agreed by the parties; such as JA providing letter of credit / Credit Note; etc..

5.3 Exclusive Remedy:

The Remedy under the Limited Product Warranty and the Remedy under the Limited Peak Power Warranty as set forth above are the sole and exclusive responsibility and obligation of JA Solar to Customer under this Limited Warranty; and are also the sole and exclusive remedy of Customer for the Claim Modules under this Limited Warranty. JA Solar will only reimburse for expenses expressly stipulated in this Limited Warranty. Costs and expenses associated with removal of the Claim Modules and the reinstallation of the repaired or replacement Modules as well as customs clearance costs incurred by the return of the Claim Modules (if any) shall be borne by Customer. JA Solar's performance of its warranty obligation under this Limited Warranty shall not extend the Limited Product Warranty Period or the Limited Peak Power Output Warranty Period. The original warranty periods shall still apply to the repaired or replacement Modules. If the production of the same type of the Claim Modules has been discontinued; withdrawn from the market; or is otherwise unavailable; JA Solar shall have the right to replace the Claim Modules with a similar type; the performance of which should not be lower than the original type.

6. Limitation of Liability:

a) Notwithstanding anything to the contrary herein; the warranties set forth in this Limited Warranty are in lieu of all other warranties; whether express; implied; or statutory; including but not limited to any implied warranties of merchantability; fitness for a particular purpose or non-infringement. However; if Customer is identified as a “consumer” and the Modules as a “consumer product” in

accordance with the laws governing the protection of consumer rights in the country where the Modules were first installed; to the extent required by applicable law; any implied warranties of merchantability; fitness for a particular purpose or non-infringement are limited to the Limited Product Warranty Period or the Limited Peak Power Output Warranty Period set forth above; or such shorter period as required by applicable law. This Limited Warranty gives Customer specific legal rights; and Customer may also have other rights that vary by state; province or jurisdiction; and such other rights shall remain unaffected.

- b)** Unless otherwise provided by applicable mandatory law in the country where the Modules were first installed; JA Solar shall not be liable for any of the following losses: a) personal injury or property damage; b) any other loss or injury whatsoever arising out of or in connection with the Modules (including but not limited to any defects in the Modules or arising from the use or installation thereof); c) any incidental; consequential or special damages resulting from any cause; and d) lost power; lost profits; lost production; lost revenue or lost interest caused by the non-usability of the Modules; even if JA Solar was aware of the possibility of such damages. JA Solar's liability for fraudulent or willful intent; gross negligence or personal injury; in each case; under applicable mandatory liability law shall remain unaffected. Notwithstanding any other provision of this Limited Warranty; and including if JA Solar is liable to compensate Customer here under; the total compensation paid or payable by JA Solar; and the total liability of JA Solar hereunder; shall not exceed the amount actually received by JA Solar as indicated in the original invoice for the Claim Modules. The limitations of liability under this Limited Warranty will not apply to the extent restricted or prohibited by applicable mandatory law.
- c)** Defective modules or discarded modules; unless JA Solar had agreed or is required to retrieve these modules by law; shall be properly disposed by customers in accordance with applicable local laws and regulations. If JA Solar decided or required by law to take back such modules; the rights to the related products will belong to JA Solar.
- d)** Customer acknowledges that the foregoing limitations on liability are an essential element of the relevant supply contract between the parties and that in the absence of such limitations the purchase price of the relevant Modules would be substantially higher.
- e)** JA Solar has adopted reasonable methods such as bolding; blackening and highlighting to draw the Customer's attention to clauses which exclude or limit its liability under this Limited Warranty; and have fully explained the relevant clauses as required by Customer. There is no disagreement between the parties over the understanding of any clause of this Limited Warranty.

7. Assignment

Upon written notice to JA Solar; Customer may assign this Limited Warranty to a new owner of the entire power plant project or an individual consumer who is passed title of Module product after its initial installation; provided that: (i) the Modules remain in their original place of installation; (ii) there is no outstanding payment due under the supply contract; and (iii) the assignee agrees to be bound by these Limited Warranty terms. If requested by JA Solar; Customer shall provide reasonable evidence of such succession or transfer of ownership. This Limited Warranty

may not otherwise be assigned or transferred; and any attempt to assign or transfer in violation of this Section 7 shall be null and void.

8. Miscellaneous

8.1 Severability

If any portion or provision of this *Limited Warranty* is held to be invalid; illegal or unenforceable under applicable law; or the application of such portion or provision to certain persons or in certain circumstances is held to be invalid; illegal or unenforceable; then the portion or provision shall be deemed to be changed and interpreted to accomplish the objectives of such portion or provision to the greatest extent possible under applicable law and the remaining portions or provisions of this *Limited Warranty* or the applicability of this *Limited Warranty* will remain unaffected; independent and valid.

8.2 Force Majeure:

JA Solar shall not be responsible or liable in any way to *Customer* for any non-performance or delay in *JA Solar's* performance of its obligations under this *Limited Warranty* due to occurrences of force majeure events such as natural disasters; war; riots; strikes; unavailability of suitable or sufficient labor; material; or capacity or technical or yield failures and any unforeseen event beyond its control; including; without limitation; any technological or physical event or condition which is not reasonably known or understood by *JA Solar* at the time of the sale of the *Claim Modules* or the notification by *Customer* of the relevant warranty claim.

8.3 Governing Law and Dispute Resolution

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 supply contract between the original purchaser and *JA Solar*. As a condition to any obligation of *JA Solar* hereunder; *JA Solar* 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. The laws governing this *Limited Warranty* shall exclude any conflicts-of-law rule as well as the United Nations Convention on Contracts for the International Sale of Goods (CISG) concluded on April 11; 1980 and any other uniform code.

9. Statement

The following statement applies to Australian purchasers: "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law, you are entitled to a replacement or compensation for see able 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 amajor failure." Australian Consumers may send a claim under this warranty to JA Solar Australia PTY Limited.

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

JA Solar Technology Co., Ltd.

*Add: No.123 Xinxing Road 055550 Ningjin County,
Hebei Province, PEOPLE'S REPUBLIC OF CHINA*

Tel: +86 10 6361 1888

Email: services@jasolar.com

Web: www.jasolar.com

JA Solar Australia Pty Ltd.

Add: C -PKF Newcastle, 755 Hunter Street, Newcastle West NSW 2302

Tel: +61 (0) 2 8912 2165

Email: Service.au@jasolar.com

Web: www.jasolar.com