

This _____ (hereinafter referred to as _____) 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 "_____"), and applies exclusively to _____ (as defined in Section 1 hereof).

_____ are defined in this _____ as photovoltaic solar modules manufactured by _____ or its authorized manufacturers, legitimately bearing "JA Solar" brand, that are of the following product types:

Mono-crystalline single glass products:

JAMXXS10-XXX/XX JAMXXS20-XXX/XX JAMXXS21-XXX/XX JAMXXS30-XXX/XX
JAMXXS31-XXX/XX JAM72S17-XXX/GR; JAMXXS4X-XXX/MR JAMXXS4X-XXX/GR
JAMXXS4X-XXX/LR JATXXS4X-XXX/LR

Mono-crystalline double glass products:

JAMXXD10-XXX/XX JAMXXD20-XXX/XX JAMXXD21-XXX/XX JAMXXD30-XXX/XX
JAMXXD31-XXX/XX JAMXXD4X-XXX/MB; JAMXXD4X-XXX/GB JAMXXD4X-XXX/LB
JAMXXD4X-XXX/HB

Note: "X" represents different types of product and different power class.

2.1 This Limited Warranty takes effect on [_____] Mono



or its authorized manufacturer, or (ii) six (6) calendar months after dispatch from the factory as indicated by the serial numbers for such (hereinafter referred to as " ").

3.1

Subject to the terms and conditions of this Limited Warranty, JA Solar warrants to the Customer for a period of 15 years of JAM54D4X-XXX/MB; JAM54D4X-XXX/GB; JAM54D4X-XXX/LB; JAM54D4X-XXX/LR; JAM54S4X-XXX/LR; JAM54S4X-XXX/MR; JAM60S4X-XXX/LR or a period of 12 years of all other models the relevant models are listed in Annex (last page of document).

Following the Warranty Start Date (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) will:

be free from any defects in design; materials; workmanship or manufacturing which affects module function.

(Hereinafter referred to as " ").

The does not cover any changes in appearance (including but not limited to color changes) that normal wear and tear (including but not limited to scratches; contamination; mechanical damage; or

(30) years following the ; at which time the shall be not less than 83% of the ;
For p type mono-crystalline double glass (whose product types are: JAMXXD20-XXX/XX JAMXXD21-XXX/XX JAMXXD30-XXX/XX JAMXXD31-XXX/XX): the shall not exceed 2% in the first year beginning from the ; and an additional 0.45% each year thereafter from the beginning of the second year until that date which is thirty (30) years following the ; at which time the shall be not less than 84.95% of the ;

- c) For n type mono-crystalline single glass Modules (whose product types are: JAM54S4X-XXX/LR; JAM54S4X-XXX/MR; JAM60S4X-XXX/LR): the Degradation Rate shall not exceed 1% in the first year beginning from the Warranty Start Date; and an additional 0.4% each year thereafter from the beginning of the second year until that date which is thirty (30) years following the Warranty Start Date; at which time the Peak Power Output shall be not less than 87.4% of the Nominal Power Output;
- d) For n type mono-crystalline single glass Modules (whose product types are: Except for the models mentioned in (3) above): the Degradation Rate shall not exceed 1% in the first year beginning from the Warranty Start Date; and an additional 0.4% each year thereafter from the beginning of the second year until that date which is twenty-five (25) years following the Warranty Start Date; at which time the Peak Power Output shall be not less than 89.4% of the Nominal Power Output;
- e) For n type mono-crystalline double glass Modules (whose product types are: JAMXXD4X-XXX/MB JAMXXD4X-XXX/GB JAMXXD4X-XXX/LB): the Degradation Rate shall not exceed 1% in the first year beginning from the Warranty Start Date; and an additional 0.4% each year thereafter from the beginning of the second year until that date which is thirty (30) years following the Warranty Start Date; at which time the Peak Power Output shall be not less than 87.4% of the Nominal Power Output;
- f) For n type mono-crystalline double glass Modules (whose product types are: JAMXXD4X-XXX/HB): The Degradation Rate shall not exceed 1% in the first year beginning from the Warranty Start Date; and an additional 0.37% each year thereafter from the beginning of the second year until that date which is thirty (30) years following the Warranty Start Date; at which time the Peak Power Output shall be not less than 88.27% of the Nominal Power Output;
- g) For n type mono-crystalline double glass BC Modules (whose product types are: JATXXS4X-XXX/LR): The Degradation Rate shall not exceed 1% in the first year beginning from the Warranty Start Date; and an additional 0.35% each year thereafter from the beginning of the second year until that date which is thirty (30) years following the Warranty Start Date; at which time the Peak Power Output shall be not less than 88.85% of the Nominal Power Output;

(Hereinafter referred to as “ ”)

Note: “X” represents different types of product under different power class.

For the avoidance of doubt; unless otherwise specified in this ; the terms used in the shall have the following meanings:

“ ” means the power output measured for the under the ; as indicated on its original nameplate; excluding any positive tolerance that may exist in the .

: (a) light spectrum of AM 1.5; (b) an irradiation of 1000W per square meter; and (c) a cell temperature of 25 degrees centigrade at right angle irradiation. The measurements are carried out in accordance with IEC61215 (equivalent to GB/T 9535) as tested at the junction box terminals per the calibration and testing standards of valid at the date of manufacture of the .

“ ” means the power output at the maximum power point on the output characteristic curve that



the time of the complaint. Neither _____ nor _____ 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 _____ to ship the _____ involved to the _____ for testing). Before carrying out such testing and evaluation; the _____ shall inform _____ and _____ of the test equipment's power tolerance; which should be reflected in the final conclusions. The

_____ 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

_____ 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 _____ in carrying out the evaluation shall be paid in advance by _____; including the cost of shipping the _____ to the designated testing location of the _____; insurance costs; storage costs; etc.; as well as the service charges for testing and evaluation. If the _____ concludes that the _____ do not conform to the _____ and/or the _____; _____ shall reimburse for actual testing and transportation expenses prepaid by _____ upon receipt of the relevant written notice and copies of the relevant invoices. The risk of damage to and loss of the _____ in the process of testing and evaluation by the _____ shall be transferred at the same time as their ownership.

- - The ownership of the _____ is transferred to _____ only after _____ confirms _____ warranty claim and provides replacements or refunds in accordance with the remedies provided under this _____. Until such time; ownership of the _____ shall remain with _____.

Should confirm that the are indeed not in conformity with the
; it shall; at its sole discretion; within a reasonable time period; either: a) repair the at no
charge to



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 _____ or the applicability of this _____ will remain unaffected; independent and valid.

_____ shall not be responsible or liable in any way to _____ for any non-performance or delay in _____'s performance of its obligations under this _____ due to occurrences of force majeure events such as natural disasters; war; riots;

JAM54D41-xxx/LR	440-455	15	30
JAT60S40-xxx/LR	510-540	15	30
JAT54S40-xxx/LR	460-485	15	30
JAT60S41-xxx/LR	505-530	25	30
JAT54S41-xxx/LR	455-475	25	30
JAM66D46-xxx/LB	685-730	12	30
JAM72S42-xxx/LR	600-655	12	25
JAM66S45-xxx/LR	600-635	12	25
JAM72S40-xxx/MR	580-615	12	25