



GLOBAL LIMITED WARRANTY FOR TRINA SOLAR BRAND CRYSTALLINE SOLAR PHOTOVOLTAIC MODULES

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Global Limited Warranty

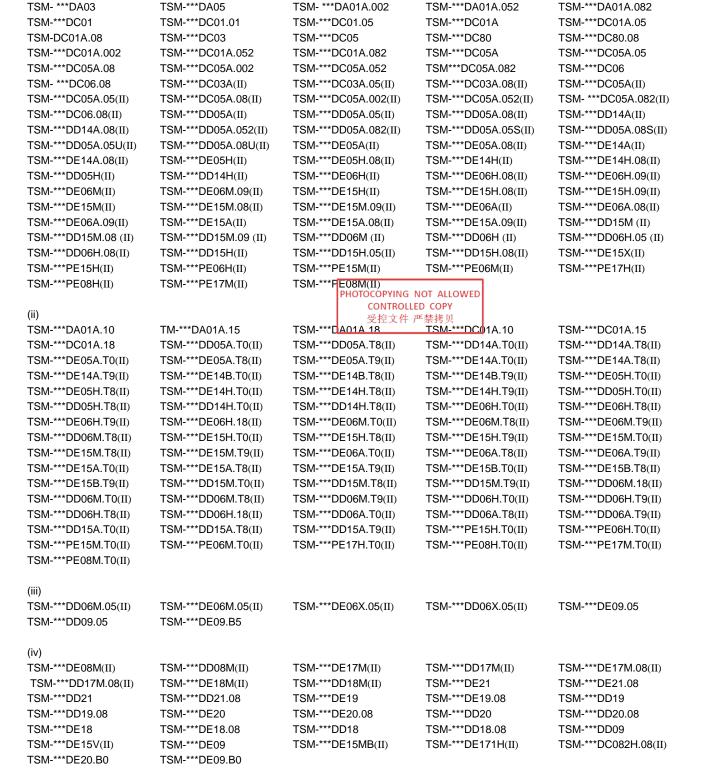
Trina Solar Co., Ltd ("Trina Solar") hereby grants the following Global Limited Warranty to the first customer installing (for its own use) (the "Buyer") any of the specified (and no other) brand models of solar photovoltaic modules of Trina Solar listed below and remaining at the original place of installation without having them moved or disassembled after initial installation (the "Products"):

1) Warranted Products

This Global Limited Warranty shall only apply to the following Products:

a) P-type Poly of Back Sheet Glass Products

(i)				
TSM-***PA03	TSM-***PA05	TSM-***PA05.05	TSM-***PA05.08	TSM-***PA05A
TSM-***PA05A.05	TSM-***PA05A.08	TSM-***PA14	TSM-***PA14A	TSM-***PA05.002
TSM-***PA05.052	TSM-***PA05.082	TSM-***PC03	TSM-***PC05	TSM-***PC05.01
TSM-***PC05.05	TSM-***PC05.08	TSM-***PC05A	TSM-***PC05A.05	TSM-***PC05A.08
TSM-***PC05B	TSM-***PC05B.05	TSM-***PC05B.08	TSM-***PC14	TSM-***PC14.08
TSM-***PC14A	TSM-***PC05A.002	TSM-***PC05A.052	TSM-***PC05A.082	TSM-***PC05A.003
TSM-***PC14.002	TSM-***PC14.082	TSM-***PC06	TSM-***PC06.08	TSM-***PC05A.08(II)
TSM-***PC14(II)	TSM-***PC14.08(II)	TSM-***PC05A.002(II)	TSM-***PC05A.052(II)	TSM-***PC05A.082(II)
TSM-***PC14.002(II)	TSM-***PC14.082(II)	TSM-***PD05	TSM-***PD05.05	TSM-***PD05.08
TSM-***PD05.50	TSM-***PD05.002	TSM-***PD05.052	TSM-***PD05.082	TSM-***PD14
TSM-***PD14.08	TSM-***PD14.002	TSM-***PD05(II)	TSM-***PD05.05(II)	TSM-***PD05.08(II)
TSM-***PD14(II)	TSM-***PD14.08(II)	TSM-***PD05.00S	TSM-***PD05.05S	TSM-***PD05.08S
TSM-***PD05.05U	TSM-***PD05.08U	TSM-***PD05.00C	TSM-***PD05.05C	TSM-***PD05.08C
TSM-***PD05.00D	TSM-***PD05.05D	TSM-***PD05.08D	TSM-***PD14.00C	TSM-***PE05A
TSM-***PE05A.08	TSM-***PE14A	TSM-***PE14A.08	TSM-***PE05A(II)	TSM-***PE05A.08(II)
TSM-***PE14A(II)	TSM-***PE14A.08(II)	TSM-***PE05H	TSM-***PE05H.08	TSM-***PE14H
TSM-***PE14H.08	TSM-***PD05H	TSM-***PD14H	TSM-***PD05HB.09	TSM-***PE15H
TSM-***PE15H.08	TSM-***PE15H.09	TSM-***PE06H	TSM-***PE06H.08	TSM-***PE06H.09
TSM-***PE15A	TSM-***PE15A.08	TSM-***PE15A.09	TSM-***PE06A	TSM-***PE06A.08
TSM-***PE06A.09	TSM-***PD06H	TSM-***PD06H.05	TSM-***PD06H.08	TSM-***PD06H.09
TSM-***PD15H	TSM-***PD15H.08	TSM-***PD15H.09	TSM-***PC06A	
		PHOTOCOPYING N CONTROLLE		
(ii)		受控文件 严		
TSM-***PA05.10	TSM-***PA05.15	TSM-** <mark>*PA05_18</mark>	TSM-***FA05A.10	TSM-***PA05A.15
TSM-***PA05A.18	TSM-***PC05.10	TSM-***PC05.15	TSM-***PC05.18	TSM-***PC05A.10
TSM-***PC05A.15	TSM-***PC05A.18	TSM-***PC05A.10(II)	TSM-***PC05A.15(II)	TSM-***PC05A.18 (II)
TSM-***PD05.T0	T TSM-***PD05.T8	TSM-***PD05.10	TSM-***PD05.15	TSM-***PD05.18
TSM-***PD14.T0	TSM-***PD14.T8	TSM-***PD14.10	TSM-***PD14.15	TSM-***PD14.18
TSM-***PD05.T0(II)	TSM-***PD05.T8(II)	TSM-***PD14.T0(II)	TSM-***PD14.T8(II)	TSM-***PE05A.T0
TSM-***PE05A.T8	TSM-***PE05A.T9	TSM-***PE14A.T0	TSM-***PE14A.T8	TSM-***PE14A.T9
TSM-***PE14B.T0	TSM-***PE14B.T8	TSM-***PE14B.T9	TSM-***PE14B.T0(II)	TSM-***PE14B.T8(II)
TSM-***PE14B.T9(II)	TSM-***PE14HB.T0	TSM-***PE14HB.T8	TSM-***PE14HB.T9	TSM-***PE14HB.T0(II)
TSM-***PE14HB.T8(II)	TSM-***PE14HB.T9(II)	TSM-***PE05A.T0(II)	TSM-***PE05A.T8(II)	TSM-***PE05A.T9(II)
TSM-***PE14A.T0(II)	TSM-***PE14A.T8(II)	TSM-***PE14A.T9(II)	TSM-***PE05H.T0	TSM-***PE05H.T8
TSM-***PE05H.T9	TSM-***PE05H.T0(II)	TSM-***PE05H.T8(II)	TSM-***PE05H.T9(II)	TSM-***PE14H.T0
TSM-***PE14H.T8	TSM-***PD05H.T0	TSM-***PD05H.T8	TSM-***PD14H.T0	TSM-***PD14H.T8
TSM-***PD05HB.T9	TSM-***PE15H.T0	TSM-***PE15H.T8	TSM-***PE15H.T9	TSM-***PE06H.T0
TSM-***PE06H.T8	TSM-***PE06H.T9	TSM-***PE06H.T0(II)	TSM-***PE06H.T8(II)	TSM-***PE06H.T9(II)
TSM-***PE15A.T0	TSM-***PE15A.T8	TSM-***PE15A.T9	TSM-***PE06A.T0	TSM-***PE06A.T0
TSM-***PE06A.T8	TSM-***PE06A.T9	TSM-***PD06H.T0	TSM-***PD06H.T8	TSM-***PD06H.T9
TSM-***PD15H.T0	TSM-***PD15H.T8	TSM-***PD15H.T9		



TSM-***DA01A

TSM-***DA01A.05

b) P-type Mono PERC of Back Sheet Glass Products

TSM-***DA01.05

(i)

TSM-***DA01





TSM-***DA01A.08

TSM-***DEG40.07(II)	TSM-***DEG5(II)	TSM-***DEG5.07(II)	TSM-***DEG14(II)	TSM-**DEG14.07(II)
TSM-***DEG40.47(II)	TSM-***DEG5.40(II)	TSM-***DEG5.47(II)	TSM-***DEG14.40(II)	TSM-***DEG14.47(II)
TSM-***DEG5H(II)	TSM-***DEG14H(II)	TSM-***DEG5H(II)	TSM-***DEG5H.40(II)	TSM-***DEG5H.07(II)
TSM-***DEG5H.47(II)	TSM-***DEG14H(II)	TSM-***DEG14H.40(II)	TSM-***DEG14H.07(II)	TSM-***DEG14H.47(II)
TSM-***DEG6H(II)	TSM-***DEG6M(II)	TSM-***DDG6M(II)	TSM-***DEG15H(II)	TSM-***DEG15M(II)
TSM-***DDG6H(II)	TSM-***DEG6(II)	TSM-***DEG15(II)		
(ii)				
TSM-***DEG14.20(II)	TSM-***DEG5.20(II)	TSM-***DEG5.27(II)	TSM-***DEG5H.20(II)	TSM-***DEG5H.27(II)
TSM-***DEG14H.20(II)	TSM-***DEG14H.27(II)	TSM-***DEG6H.20(II)	TSM-***DEG6M.20(II)	TSM-***DEG15H.20(II)
TSM-***DEG15M.20(II)	TSM-***DDG6M.20(II)	TSM-***DDG6H.20(II)	TSM-***DEG6.20(II)	TSM-***DEG15.20(II)
(iii)				
TSM-***DEG8M.20(II)	TSM-***DEG17M.20(II)	TSM-***DEG18M.20(II)	TSM-DEG9.20	
	. ,			
(iv)				
TSM-DEG9.28	TSM-***DEG18M.28(II)			

d) P-type Mono PERC of Duomax Products

(vi) TSM-***DE06XC.08(II) TSM-***DE08M.08(II) TSM-***DE09.B8	TSM-***DD06XC.08(II) TSM-*** DD06M.08(II)	TSM-***D TSM-*** [E09.08 DE06M.08(II)	TSM-*** DD09.08 TSM-***DE18M.08(II)	TSM-*** DD08M.08(II) TSM-***DD18M.08(II)
(vii) TSM-***DE19C					
(viii)					
TSM-***DE06XC.07(II)	TSM-***DE06XC.05(II)	TSM-***D	E09C.07	TSM-***DE09C.05	
c) P-type Polycrys	talline of Duomax Pr	roducts	PHOTOCOPYING CONTROLI 受控文件	LED COPY	
TSM-***PDG5	TSM-***PDG5.07	TSM-***P	DG5.50	TSM-***PEG5	TSM-***PEG5.07
TSM-***PEG5.50	TSM-***PEG14	TSM-***P	EG14(II)	TSM-***PEG40.40	TSM-***PEG40.47
TSM-***PEG40.07	TSM-***PEG5.40	TSM-***P	EG5.47	TSM-***PEG14.40	TSM-***PEG14.47
TSM-***PEG5H	TSM-***PEG14H	TSM-***P	EG5H.40	TSM-***PEG5H.07	TSM-***PEG5H.47
TSM-***PEG14H.40	TSM-**PEG14H.07	TSM-***P	EG14H.47	TSM-***PEG5H(II)	TSM-***PEG5H.40(II)
TSM-***PEG5H.07(II)	TSM-***PEG5H.47(II)	TSM-***P	EG14H(II)	TSM-***PEG14H.40(II)	TSM-***PEG14H.07(II)
TSM-***PEG14H.47(II)	TSM-***PEG15H	TSM-***P	EG15	TSM-***PEG15H(II)	TSM-***PEG15(II)
TSM-***PEG6H	TSM-***PEG6	TSM-***P	EG6(II)	TSM-***PEG15M(II)	TSM-***PEG6M (II)
(ii)					
TSM-***PEG5.20	TSM-***PEG5.27	TSM-***P		TSM-**PEG5H.20	TSM-***PEG5H.27
TSM-***PEG14H.20	TSM-***PEG14H.27		EG5H.20(II)	TSM-***PEG5H.27(II)	TSM-***PEG14H.20(II)
TSM-***PEG14H.27((II) TSM-***PEG6H.20	TSM-***PEG15H.20 TSM-***PEG6.20	TSM-***P TSM-***P	EG15.20 EG6.20(II)	TSM-***PEG15H.20(II)	TSM-***PEG15.20(II)

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TSM-***DE08M.T8(II) TSM-***DD18M.T0(II)

 TSM-***DE08M.T0(II),
 TSM-***DE17M.T0(II)
 TSM-***DD08M.T0(II)
 TSM-***DD17M.T0(II)

 TSM-***DE17M.T8(II)
 TSM-***DD08M.T8(II)
 TSM-***DD17M.T8(II)
 TSM-***DE18M.T0(II)

 TSM-***DE18M.T8(II)
 TSM-***DD18M.T8(II)
 TSM-***DE18M.T8(II)
 TSM-***DE18M.T0(II)

3

(i)

(v)



e) P-type Mono PERC of Duomax Twin Products

(i) TSM-***DEG5C.07(II) TSM-***DEG5HC.07(II) TSM-***DEG6HC(II)	TSM-***DEG14C.07(II), TSM-***DEG14HC(II) TSM-***DEG6MC(II)	TSM-***DEG5C(II) TSM-***DEG14HC.07(II) TSM-***DEG15C(II)	TSM-***DEG14C(II) TSM-***DEG15HC(II) TSM-***DEG15C.07(II)	TSM-***DEG5HC(II) TSM-***DEG15MC(II)
(ii) TSM-***DEG5C.27(II) TSM-***DEG5HC.27(II) TSM-***DEG6HC.20(II) TSM-***DEG15C.20(II)	TSM-***DEG14C.27(II) TSM-***DEG14HC.20(II) TSM-***DEG6MC.20(II) TSM***DEG15MC.27(II)	TSM-***DEG5C.20(II) TSM-***DEG14HC.27(II) TSM-***DEG6C.20(II)	TSM-***DEG14C.20(II) TSM-***DEG15HC.20(II) TSM-***DEG6C.20(II)	TSM-***DEG5HC.20(II) TSM-***DEG15MC.20(II) TSM-***DEG15C(II)
(iii) TSM-***DEG8MC.20 (II) TSM-***DDG21C.20 TSM-***DDG19C.28 TSM-***DEG15VC.20(II)	TSM-***DEG17MC.20(II) TSM-***DDG21C.28 TSM-***DEG20C.20 TSM-*** DEG18C.20	TSM-***DEG18MC.20(II) TSM-***DEG19C.20 TSM-***DEG20C.28 TSM-*** DDG18C.20	TSM-*** DEG21C.20 TSM-*** DEG19C.28 TSM-***DDG20C.20 TSM-*** DEG18C.28	TSM-***DEG21C.28 TSM-***DDG19C.20 TSM-***DDG20C.28 TSM-*** DDG18C.28
(iv) TSM-DEG9C.27		PHOTOCOPYING NOT ALL CONTROLLED COPY		

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f) N-type Mono of Duomax Twin Products

(i) TSM-***NEG16MC(II)	TSM-***NEG7MC(II)		
(ii) TSM-***NEG15MC.20(II)	TSM-***NEG16MC.20(II)	TSM-***NEG7MC.20(II)	TSM-***NEG15XC.20(II)
(iii) TSM-***NEG19C.20	TSM-***NEG20C.20	TSM-***NEG21C.20	
(iv) TSM-***NEG9C.27			

g) N-type Mono of Duomax Products

(i) TSM-***NEG9.20

(ii) TSM-***NEG9.28

h) Clamp

Trina Clamp II Applicable for following Products: TSM-***DE09.B0, TSM-***DE09.B8, TSM-***DE09.B5, TSM-***DE20.B0

Note: The "***" placeholder stands in each case for the power indication set out in the relevant Product Data Sheet (for example "TSM-285PE06H").

2) Rules of use and application for Products listed under Sec. 1)

Trina Solar has set out certain rules of use and application for the Products (please see Appendix: "Rules of application for climatic modules") to ensure the functionality, durability and performance under different climatic circumstances.

Only for Products listed under Sec. 1) c), d), e), f), g) can be installed on water surface floating systems; For Products not used in accordance with the rules determined in this Appendix, Trina Solar will not undertake this limited Warranty. Any consequences, risks, losses or damages caused by any violations of the Buyer to the "Rules of application for climatic modules" shall be borne by the Buyer solely.

	Environment	Temperature		Environment Temperature Relative Humidity		lity	Irradiance kwh/m2
1)	High temperature and high humidity area	Annual average temperature > 23°C Monthly minimum temperature > 18°C		Annual average Monthly minimu 60%	RH > 70% m average RH >	/	
2)	High temperature difference and high irradiation area	Desert and gobi region	CONT	YING NOT ALLOWED ROLLED COPY 文件 严禁拷贝		>1800	
3)	Gelid area(Low irradiation)	< -10°C(Monthly minimum tempera- ture)		/		<1400	
4)	Normal	Not listed in Nr. 1 to 3 before					

3) Warranty

a) 10 Year Limited Product Warranty

For the Products listed under Sec. 1) c) (i), d) (i), e) (i), f) (i), h) Trina Solar warrants that for a period of ten years commencing on the Warranty Start Date (as defined in Sec. 4)) there will be no defects in material workmanship or manufacture that materially impede the power generation functioning of the Products.

If the Buyer is aware or should have been aware of such design, material, workmanship or manufacturing defects prior to installation of the Products and nevertheless installs the Products without giving Trina Solar the opportunity to correct such defects prior to installation, the Buyer shall bear the additional costs incurred by correcting such defects after installation.

This Limited Product Warranty covers glass breakage provided that there was no external cause of breakage (i.e. only breakage caused by the glass itself or the module is covered).

For Trina Clamp II listed under Sec. 1) h), Trina Solar's warranty is limited to the defects caused by mechanical failures (e.g., shattering, deformation of the Trina Clamp); and regardless of whether such defects substantially impede the performance of the solar modules.

Any deterioration in the appearance of the Products (including, without limitation, any scratches, stains, mechanical wear, rust, mold, deformation or discoloration) or any other changes to the Products which occur after delivery (Incoterms 2020) to the Buyer, do not constitute a defect under this Limited Product Warranty.



b) 12 Year Limited Product Warranty

For the Products listed under Sec.1) a), b) (i), (ii), (iv), (v), (vii) c) (ii), d) (ii), (iii), e) (ii), (iii), f) (ii), (iii), g) (i) Trina Solar warrants that for a period of twelve years commencing on the Warranty Start Date (as defined in Sec. 4)) there will be no defects in material, workmanship or manufacture that materially impede the power generation functioning of the Products.

If the Buyer is aware or should have been aware of such design, material, workmanship or manufacturing defects prior to installation of the Products and nevertheless installs the Products without giving Trina Solar the opportunity to correct such defects prior to installation, the Buyer shall bear the additional costs incurred by correcting such defects after installation.

This Limited Product Warranty covers glass breakage provided that there was no external cause of breakage (i.e. only breakage caused by the glass itself or the module is covered).

Any deterioration in the appearance of the Products (including, without limitation, any scratches, stains, mechanical wear, rust, mold, deformation or discoloration) or any other changes to the Products which occur after delivery (Incoterms 2020) to the Buyer, do not constitute a defect under this Limited Product Warranty.

c) 15 Year Limited Product Warranty

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For the Products listed under Sec.1) b) (iii), (vi), (viii), (d) (iv), (e) (iv), (f) (iv), g) (ii) Trina Solar warrants that for a period of fifteen years commencing on the Warranty Start Date (as defined in Sec. 4)) there will be no defects in material, workmanship or manufacture that materially impede the power generation functioning of the Products.

If the Buyer is aware or should have been aware of such design, material, workmanship or manufacturing defects prior to installation of the Products and nevertheless installs the Products without giving Trina Solar the opportunity to correct such defects prior to installation, the Buyer shall bear the additional costs incurred by correcting such defects after installation.

This Limited Product Warranty covers glass breakage provided that there was no external cause of breakage

(i.e. only breakage caused by the glass itself or the module is covered).

Any deterioration in the appearance of the Products (including, without limitation, any scratches, stains, mechanical wear, rust, mold, deformation or discoloration) or any other changes to the Products which occur after delivery (Incoterms 2020) to the Buyer, do not constitute a defect under this Limited Product Warranty.

d) 25 Year Limited Power Output Warranty for Back Sheet Glass Products

In addition, for the Products listed under Sec.1) a), b) Trina Solar warrants that for a period of twenty-five years commencing on the Warranty Start Date (as defined in Sec. 4)) the loss of power output for the Products shall not exceed the initial guaranteed power which is defined as Peak Power Watts Pmax(Wp) plus Peak Power Watts Pmax(Wp) multiplied by the lower limit of the Power Output Tolerance Pmax(%) – as specified in the relevant Product Data Sheet and measured at Standard Test Conditions (STC: irradiation 1000w/m², temperature 25°C, AM 1.5) and measurement shall either be carried out by Trina Solar or by a third-party testing institute recognized by Trina Solar and the Buyer:

• for P-type Poly Products (as defined in Sec. 1) a)): 2.5% in the first year; from the 2nd year to the 25th year, the average annual power decline will be no more than 0.65%; by the end of the 25th year, the actual power output will be no less than 81.9%;

- for P-type Mono PERC Products (as defined in Sec. 1) b) (i), (ii)): 2.5% in the first year; from the 2nd year to the 25th year, the average annual power decline will be no more than 0.6%; by the end of the 25th year, the actual power output will be no less than 83.1%.
- for P-type Mono PERC Products (as defined in Sec. 1) b) (iii), (iv), (v), (vi), (vii), (viii)): 2 % in the first year; from the 2nd year to the 25th year, the average annual power decline will be no more than 0.55 %; by the end of the 25th year, the actual power output will be no less than 84.8 %;

(Remark: According to STC, measurement system uncertainty should be included in all actual power output measurements.)

e) 30 Year Limited Power Output Warranty for Dual Glass Products

(i) Frontside:

In addition, for the Products listed under Sec.1) c), d) and the front side (without J-Box) of the Products listed under Sec. 1) e), f), g)Trina Solar warrants that for a period of thirty years commencing on the Warranty Start Date (as defined in Sec. 4)) the loss of power output for the Products shall not exceed the initial guaranteed power which is defined as Peak Power Watts Pmax(Wp) plus Peak Power Watts Pmax(Wp) multiplied by the lower limit of the Power Output Tolerance Pmax(%) – as specified in the relevant Product Data Sheet and measured at Standard Test Conditions (STC: irradiation 1000w/m², temperature 25°C, AM 1.5) and measurement shall either be carried out by Trina Solar or by a third-party testing institute recognized by Trina Solar and the Buyer:

- for P-type Poly Duomax Products (as defined in Sec. 1) c), for P-type Mono PERC Duomax Products (as defined in Sec. 1) d) (i), (ii), for the front side (without J-Box) of P-type Mono PERC Duomax Twin Products (as defined in Sec. 1) e) (i), (ii)): 2.5 % in the first year; from the 2nd year to the 30th year, the average annual power decline will be no more than 0.5%; by the end of the 30th year, the actual power output will be no less than 83%;
- for P-type Mono PERC Duomax Products (as defined in Sec. 1) d) (iii), (iv) for the front side (without J-Box) of P-type Mono PERC Duomax Twin Products (as defined in Sec. 1) e) (iii), (iv)): 2 % in the first year; from the 2nd year to the 30th year, the average annual power decline will be no more than 0.45 %; by the end of the 30th year, the actual power output will be no less than 84.95%;
- for N-type Mono Duomax Twin Products (as defined in Sec.1) f) (i), (ii)): 1.5% in the first year; from the 2nd year to the 30th year, the average annual power decline will be no more than 0.5%; by the end of the 30th year, the actual power output will be no less than 84%.
- for N-type Mono Duomax Products (as defined in Sec.1) f) (iii), (iv), g) (i), (ii)): 1.0% in the first year; from the 2nd year to the 30th year, the average annual power decline will be no more than 0.4%; by the end of the 30th year, the actual power output will be no less than 87.4%.

(ii) Backside

For P-type Mono PERC Bifacial Products (as defined in Sec.1) b) (vii), (viii), e) (iii), (iv)) and N-type Mono Duomax Twin Products (as defined in Sec.1) f) (iii), (iv)), Trina Solar warrants that for a period of thirty years commencing on the Warranty Start Date (as defined in Sec. 4)) the loss of the power on the backside of the product (with junction box) as follows

 From the 1st year to the 10th year, the power degradation will be no more than Initial backside power P multiplied by 15% • From 11th to 30th year, the power degradation will be no more than Initial backside power P multiplied 30%.

For definition purposes only: Initial backside power P = nameplate power (module front side power) * specified bifaciality (as specified lower limit of the bifaciality in the relevant Product Data Sheet).

(Remark: According to STC, measurement system uncertainty should be included in all actual power output measurements.)

4) Warranty Start Date

The Warranty Start Date is the date of initial installation of the Products or three months after the delivery (Incoterms 2020) of the Products to the Buyer, whichever date is earlier.

5) Exclusions and Limitations

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This Global Limited Warranty does not apply to any Products which have been subject to:

- a) Failure to pay the purchase price towards Trina Solar or its subsidiaries which have put the module on the market even though (i) the payment was due and (ii) the direct customer who has obtained the module from Trina Solar or its subsidiary ("Direct Customer") is not entitled to withhold the purchase price or parts of the purchase price. Trina Solar must inform the Buyer about the non-payment and provide the name and the full address of the Direct Customer which has failed to pay the module. In case that Trina Solar can reject the claims under this Global Limited Warranty based on this provision, the Buyer can deposit the amount not paid in order to trigger the Global Limited Warranty claims;
- b) Failure to provide proof of purchase or product information;
- c) During the handling (including but not limited to packing/unpacking, loading/unloading, transportation, storage, installation, use, operation or maintenance, etc.) of the Products, failure to comply with the requirements of Trina Solar's user manual (as applicable during the validity period of this Global Limited Warranty pursuant to Sec. 11), or rules of use and application for the Products (as defined in Sec. 2, unless otherwise agreed in writing) and its Appendix rules of application for Trina modules;
- d) Failing to comply with Trina Solar's user manual in terms of the standards of any supporting parts to the Products, or the Buyer has installed any substandard, mismatched, inferior or unqualified supporting (including but not limited to the clamps, etc.), which directly led to the quality problems with Trina Solar Products;
- e) Failure to carry out proper operation and maintenance (including but not limited to operation and maintenance requirements requested by Trina Solar's applicable user manual or other applicable local laws and regulations of the place of installation);
- f) Service by service technicians who are not qualified under the relevant law and/or applicable regulations at the place of installation;
- g) Change, erasure or illegible-made of the Product's type, nameplate or serial number (other than by any act or omission of Trina Solar);
- h) Installation on mobile units (except photovoltaic tracking system), such as vehicles, ships or offshorestructures (except water surface floating systems pursuant to Sec 2);
- i) Exposure to voltage in excess to the maximum system voltage or power surges;
- j) defective components in the construction on which the module is mounted;
- **k)** Exposure to mold discoloration or similar external effects;
- I) unauthorized modifications:
 - (i) Operation/maintenance by use of unauthorized spare parts;
 - (ii) Application under extreme environmental conditions or rapid changes in such environments resulting in corrosion, oxidation, or affected by chemical products;

- (iii) Other acts beyond Trina Solar's reasonable control (including direct or indirect damage by war, fire, flood, hurricane, volcanic eruption, surface collapse, debris flow, lightning, earthquake, heavy snowfall, hailstone, strong breeze etc.);
- **m)** Use of the Products in such a manner as to infringe Trina Solar's or any third party's intellectual property rights (including but not limited to patents, trademarks, etc.);
- n) Any subsequent sale of the Products from a country where Trina Solar was first marketed to another country without the consent of Trina Solar ("Prohibition of Parallel Import"). But the Prohibition of Parallel Import does not apply to the sales within the European Union ("EU"), where the sale of Products from one EU country to another does not require the consent of Trina Solar. However, the consent of Trina Solar must be obtained for the sale of Products from outside the EU to an EU country or from an EU country to outside the EU.
- o) only for Buyers located in Australia applies: This Global Limited Warranty is only valid for Products from authorized Australian resellers. Buyers may contact the Customer Support office in their region (as detailed in Sec. 8)) for details of authorized Australian resellers.
- p) only for Buyers located in the US applies: This Global Limited Warranty is only valid for Products from authorized US resellers. Buyers may contact the Customer Support office in their region (as detailed in Sec. 8)) for details of authorized US resellers.
- q) only for Buyers located in Japan applies: This Global Limited Warranty is only valid for Products from authorized Japanese resellers. Buyers may contact the Customer Support office in their region (as detailed in Sec. 8)) for details of authorized Japanese resellers.

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6) Repair, Replacement or Refund Remedy
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- a) As Buyer's sole and exclusive remedy under this Global Limited Warranty (though the Buyer should note Sec. 6) d) regarding the potential existence of other statutory rights and Sec. 6 e) for Australian Buyers) Trina Solar will, at its sole discretion, either, with regard to the applicable Products:
 - (i) determine a maintenance plan and repair the defective Products; or
 - (ii) refund the difference value between the actual STC power and the warranty power of the products. Front side power compensation = The market price at time of payout (per watt) * (sum of the remaining theoretical warranty power according to Sec. 3) d), e) - sum of STC power actually measured according to Sec. 3) d), e)); The backside power compensation is processed based on the market price at the time of payout and 10% of the difference between the warranty power and the actual STC power measured for backside; or
 - (iii) refund the salvage value of the defective Products. The salvage value = The market price at the time of payout (unit price per watt) * the original guaranteed nameplate power * remaining warranty period (year) / original total warranty period by Trina Solar; For the salvage value compensation caused by the backside power attenuation, it is treated as 10% of the product salvage value; or
 - (iv) provide additional Products to make up for the difference between the actual STC power of Products and the warranty power (Difference power = sum of the remaining theoretical warranty power according to Sec. 3) d), e) - sum of STC power actually measured according to Sec. 3) d), e)); For the backside power replenishment of the Duomax products, it is treated at 10% of the difference between the actual STC power and the warranty power; or
 - (v) replace the defective Products or part thereof by new or remanufactured Products. The total nominal power of the replaced Products shall not be less than the total remaining theoretical warranty power of the defective Products. (The power on the backside of the Duomax products is treated at 10% of the backside warranty power) Trina Solar reserves the right to provide other models of Products in replacement or addition of the defective Products if the defective Products are discontinued or otherwise unavailable.

During the warranty period of Sec. 3) a), b) and c), Trina Solar shall bear the direct costs of repairing the products and transportation charges incurred in the delivery of the repair, replacement or additional products to the buyer, excluding insurance, air freight, customs clearance, customs duties and other

non-seller's costs (e.g. port delays, storage charges due to negligence on the part of the buyer or enduser). During repair and replacement, the costs and other related expenses for the removal, handling, repack, installation or reinstallation shall remain with the Buyer. Beyond the warranty period of Sec. 3) a), b) and c), Buyer shall bear all reasonable costs of materials, labor, freight, clearance, removal, repack, installation or reinstallation whatsoever related to repairing or replacement.

Defect Products or end of lifetime Products shall be disposed if legally permissable by the Buyer in accordance with local applicable laws or regulations, unless Trina Solar agrees or where legally mandatory takes them back. If Trina Solar decides or where legally mandatory takes the defective products back, the goods property of these products shall belong to Trina Solar without any limitation.

- b) The Global Limited Warranty periods as defined in Sec. 3) a), b), c), d), e) shall not extend or renew upon the repair, replacement or offering additional products of defective Products by Trina Solar. The Global Limited Warranty period for replaced, repaired or additionally provided Products is the remainder of the Global Limited Warranty period on the original new Products.
- c) All other claims under this Global Limited Warranty against Trina Solar shall be excluded. Under this limited Warranty, Trina Solar is not responsible for any special, incidental or consequential damages (including loss of profits, business interruption, loss of power generation, harm to goodwill or business reputation, or delay damages) whether such claims are based in contract, warranty, negligence or strict tort. This exclusion applies to the extent permissible by law, and even if the remedies set forth below herein are deemed to have failed of their essential purpose.
- d) YOU MAY HAVE SPECIFIC LEGAL RIGHTS OUTSIDE THIS LIMITED WARRANTY, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THIS GLOBAL LIMITED WAR-RANTY DOES NOT AFFECT ANY ADDITIONAL RIGHTS YOU HAVE UNDER LAWS IN YOUR JURIS-DICTION GOVERNING THE SALE OF CONSUMER GOODS, INCLUDING WITHOUT LIMITATION, NATIONAL LAWS IMPLEMENTING EC DIRECTIVE 99/44 OR PURSUANT TO THE MAGNUSON MOSS WARRANTY ACT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE LIMITATIONS OR EXCLUSIONS IN THIS GLOBAL LIMITED WARRANTY STATEMENT MAY NOT APPLY.
- e) The following statement applies to Buyers that are "Consumers" within the meaning of the Australian Consumer 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 for 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."

7) Rights and Remedies against Third Parties

This Global Limited Warranty shall be construed as a separate warranty and independent from any other contractual arrangement with third parties relating to the Products. It shall not affect any rights, obligations and remedies of the Buyer, if any, with regard to third parties for defects or non-conformity or non-compliance of the Products, notwithstanding its legal basis. The rights and remedies provided hereunder are in addition to any other rights and remedies against third parties to which the Buyer may be entitled by agreements with such third parties or by law.

8) Claims Procedure, Notice Periods, Expiration of Global Limited Warranty Claims and Limitations.

a) The Buyer shall notify Trina Solar under this Global Limited Warranty using Trina Solar's Customer Service Portal at the web address http://customerservice.trinasolar.com; alternatively by letter or facsimile. At the time of filing the claim, please ensure that the applicant is the owner of the warranty right for the Products or has a valid authorization document issued by the owner of the warranty right for the Products. It is the responsibility of the owner of the warranty right or its authorized representative to cooperate with Trina Solar for signing the Warranty Solution Agreement. The notice of claim shall specify the claim along with written proof, including without limitation, for the purchase of the Products (eg. purchasing invoices indicating purchase date, products, serial numbers, etc.) and for the defect or malfunction of the Products (eg. Materials related to transport, storage, installation and operation, etc.). The contact customer support center for the regions are:

Europe Customer Support

Trina Solar (Schweiz) AG Birkenweg 4 8304 Wallisellen, Switzerland T +41 43 299 68 68 F +41 43 299 68 10 Mail Euservice@trinasolar.com

Australia and New Zealand Customer Support

Trina Solar (Australia) Pty Ltd Suite 44.05, Level 44, Governor Philip Tower 1 Farrer Place Sydney NSW 2000, Australia T 1300 874 627 Mail Australiaservice@trinasolar.com

Americas Customer Support

Trina Solar (U.S.), Inc. 100 Century Center, Suite 501, San Jose CA 95112, USA T +1 800 696 7114 F +1 800 696 0166 Mail <u>NAservice@trinasolar.com</u>

Japan Customer Support

Trina Solar (Japan) Limited World Trade Center Building 21F 4-1, Hamamatsu-cho, 2-chome, Minato-ku, Tokyo, Japan, 105-6121 T +81-3-6435-9008

Mail Japanservice@trinasolar.com

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China Customer Support

Trina Solar Co. Ltd No. 2 Trina Road, Trina PV Industrial Park, New District, Changzhou, Jiangsu, P.R. China, 213031 T 400 988 0000 F +86 519 8517 6021 Mail Chinaservice@trinasolar.com

Middle East and Africa Customer Support

Liwa Heights Cluster W, Jumeirah Lake Towers Dubai – United Arab Emirates Tel: +971 4 568 2872 Mail MEAservice@trinasolar.com

Rest of World (ROW) Customer Support

Trina Solar Energy Development Pte Ltd 600 North Bridge Road, #12-01 Parkview Square, Singapore 188778 T: +65 5808 1111 Mail apmea@trinasolae.com

India Customer Support

Trina Solar (India) Regional Sales Office Unit No- 824, 8th Floor, DLF Tower-B, Jasola District Center, New Delhi -110025, India T: +91 11 45852200, +91 11 35852207 Mail salesindia@trinasolae.com

b) Any dispute on technical facts relating to claims brought under this Global Limited Warranty for defects of Products shall be determined by expert determination. Trina Solar and the Buyer will, at the Buyer's or Trina Solar's request, jointly appoint as independent expert and appraiser a reputable researcher from a first-class test-institute such as TÜV Rheinland, TÜV SUD or ASU Arizona State University, and so on



("Technical Expert"). The determination by such Technical Expert shall be final, conclusive, binding and enforceable in any proceeding brought hereunder. The Technical Expert shall (i) act as an expert recognized by Trina Solar; (ii) allow the parties a reasonable opportunity to make representations and counterrepresentations; (iii) take those representations and counter-representations into account; and (iv) if required by either party give written reasons for his or her determination.

- c) Any claim for breach of this Global Limited Warranty must be brought within two (2) months after discovery of the breach.
- d) The return of any defective Products will not be accepted unless prior written authorization has been given by Trina Solar.

9) Force Majeure

Trina Solar shall not be responsible or liable in any way to the Buyer for any non-performance or delay in Trina Solar's performance under this Global Limited Warranty due to occurrences of force majeure such as war, riots, strikes, unavailability of suitable and 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 at the time of the sale of the defective Products or the notification of the relevant Global Limited Warranty claim under this limited Warranty.

10) Warranty Assignment

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This Global Limited Warranty is transferrable when the Products remain installed in their original installation location without having them moved or disassembled after initial installation.

11) Validity

This Global Limited Warranty shall apply to Products delivered to the Buyer on or after 1st of March 2022 (Incoterms 2020). This Global Limited Warranty shall be valid until a new revision is issued by Trina Solar.

12) Geographical Validity

This Global Limited Warranty does apply to all countries with the exception of Germany and Turkey where country specific limited warranties apply.

13) No Other Express Warranty

Except as otherwise provided by applicable statutory law (cf. Sec. 6) d) and 6 e)) or unless modified in writing and signed by an officer of Trina Solar, the Global Limited Warranty set forth herein is the only express warranty (whether written or oral) by Trina Solar applicable to the Products and no one is authorized to restrict, expand or otherwise modify this limited Warranty.

14) Miscellaneous

If any provision of this Global Limited Warranty is held invalid, unenforceable or contrary to law then the validity of the remaining provisions of this Global Limited Warranty shall remain in full force and effect.

15) Limitation of Liability

To the maximum extent permitted by applicable law, Trina Solar's aggregate liability according to this Global Limited Warranty shall not exceed the purchase price paid by the Buyer for the defective Products in the case of a Global Limited Warranty claim. The Buyer acknowledges that the foregoing limitation of liability is an essential element of this Global Limited Warranty and that in the absence of such limitations the purchase price of the Products would be significantly higher.

16) Applicable Law and Jurisdiction

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The validity of this Global limited Warranty, the construction of its terms and the interpretation and enforcement of the rights and duties of the Buyer and Trina Solar shall be governed by the laws of the country of the original installation location of the Products, to the exclusion of that country's conflicts of law rules as well as of the United Nations Convention on the International Sale of Goods dated 11 April 1980 (CISG) and of any other uniform law.

All disputes arising out of or in connection with this Global Limited Warranty shall be finally settled before the ordinary courts of the country of the original installation location of the Products.

17) Note

The installation and operation of photovoltaic modules requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using and operating the Products (<u>http://www.trinasolar.com/en-glb/resources/downloads</u>).



Appendix: "Rules of application for Trina modules"

If the place of the installed Products is not listed in the following list of countries, states and provinces, please contact the competent contact customer support center (as stated in Sec. 8) a)) which shall timely feedback to Trina Solar headquarters PM. Then, Trina Solar headquarters PM shall work with engineering center and quality control team to confirm the corresponding product or material type and update the database.

Region	CN	Country/state/province	Climate type	Applicable products listed under Sec.1
	01	Ghana	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	02	Mauritius	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	03	Nigeria	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	04	Sierra Leone	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	05	Central African Republic	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	06	Namibia	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	07	Algeria	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	08	Tunisia	Normally	(a), (b), (c), (d), (e), (f),(g)
	09	Egypt	Normally	(a), (b), (c), (d), (e), (f),(g)
	10	Djibouti	Normally	(a), (b), (c), (d), (e), (f),(g)
	11	Kenya	Normally	(a), (b), (c), (d), (e), (f),(g)
	12	Morocco	Normally	(a), (b), (c), (d), (e), (f),(g)
	13	South Africa	Normally	(a), (b), (c), (d), (e), (f),(g)
	14	Senegal	Normally	(a), (b), (c), (d), (e), (f),(g)
	15	Tanzania	PHOTOCOPYING NOT ALLOWED	(a), (b), (c), (d), (e), (f),(g)
	16	Malawi	CONDRONALING COPY	(a), (b), (c), (d), (e), (f),(g)
	17	Zimbabwe	受抗充備affy禁拷贝	(a), (b), (c), (d), (e), (f),(g)
	18	Ethiopia	Normally	(a), (b), (c), (d), (e), (f),(g)
	19	Zambia	Normally	(a), (b), (c), (d), (e), (f),(g)
	20	Eritrea	Normally	(a), (b), (c), (d), (e), (f),(g)
	21	Burkina Faso	Normally	(a), (b), (c), (d), (e), (f),(g)
Africa	22	Rwanda	Normally	(a), (b), (c), (d), (e), (f),(g)
	23	Mozambique	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	24	Botswana	Normally	(a), (b), (c), (d), (e), (f),(g)
	25	Angola	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	26	Mali	Normally	(a), (b), (c), (d), (e), (f),(g)
	27	Uganda	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	28	Chad	Normally	(a), (b), (c), (d), (e), (f),(g)
	29	Mauritania	Normally	(a), (b), (c), (d), (e), (f),(g)
	30	Cote d'Ivoire	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	31	Guinea	Normally	(a), (b), (c), (d), (e), (f),(g)
	32	Niger	Normally	(a), (b), (c), (d), (e), (f),(g)
	33	Madagascar	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	34	Burundi	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	35	Liberia	Normally	(a), (b), (c), (d), (e), (f),(g)
	36	Guinea-Bissau	Normally	(a), (b), (c), (d), (e), (f),(g)
	37	Benin	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	38	Togo	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	39	Swaziland	Normally	(a), (b), (c), (d), (e), (f),(g)
	40	Libya	Normally	(a), (b), (c), (d), (e), (f),(g)
	41	Lesotho	Normally	(a), (b), (c), (d), (e), (f),(g)
	42	Cape Verde	hot and humid	(a), (b), (c), (d), (e), (f),(g)

GLOBAL LIMITED WARRANTY FOR TRINA SOLAR BRAND CRYSTALLINE SOLAR PHOTOVOLTAIC MODULES

	43	Seychelles	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	44	Gambia	Normally	(a), (b), (c), (d), (e), (f),(g)
	44	Comoros	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	45	Sudan	Normally	(a), (b), (c), (d), (e), (f),(g)
	40	Somalia	Normally	(a), (b), (c), (d), (e), (f),(g)
	47	Sao Tome and Principe	Normally	(a), (b), (c), (d), (e), (f),(g)
Africa		Democratic Republic of		(a), (b), (c), (d), (e), (f),(g)
	49	Congo	hot and humid	
	50	Congo	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	51	South Sudan	Normally	(a), (b), (c), (d), (e), (f),(g)
	52	Equatorial Guinea	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	53	Gabon	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	54	Douala	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	01	United Arab Emirates	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	02	Oman	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	03	Bahrain	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	04	Saudi Arabia	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	05	Yemen	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	06	Iraq	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
ME	07	Israel	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
IVIE	08	Lebanon	Normally	(a), (b), (c), (d), (e), (f),(g)
	09	Palestine	PHOTOCORNING ALLOWED	(a), (b), (c), (d), (e), (f),(g)
	10	Jordan	CONTROLLÉD COPY 妥NormalW 禁推回	(a), (b), (c), (d), (e), (f),(g)
	11	Kuwait	Normally	(a), (b), (c), (d), (e), (f),(g)
	12	Qatar	Normally	(a), (b), (c), (d), (e), (f),(g)
	13	Syrian	Normally	(a), (b), (c), (d), (e), (f),(g)
	14	Cameroon	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	01	Norway	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	02	Sweden	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	03	Finland	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	04	Denmark	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	05	Ukraine	Normally	(a), (b), (c), (d), (e), (f),(g)
	06	Germany	Normally	(a), (b), (c), (d), (e), (f),(g)
	07	France	Normally	(a), (b), (c), (d), (e), (f),(g)
	08	Georgia	Normally	(a), (b), (c), (d), (e), (f),(g)
	09	Netherlands	Normally	(a), (b), (c), (d), (e), (f),(g)
	10	Netherlands Antilles	Normally	(a), (b), (c), (d), (e), (f),(g)
	11	Portugal	Normally	(a), (b), (c), (d), (e), (f),(g)
EU	12	Switzerland	Normally	(a), (b), (c), (d), (e), (f),(g)
	13	Turkey	Normally	(a), (b), (c), (d), (e), (f),(g)
	14	Spain	Normally	(a), (b), (c), (d), (e), (f),(g)
	15	Greece	Normally	(a), (b), (c), (d), (e), (f),(g)
	16	Slovakia	Normally	(a), (b), (c), (d), (e), (f),(g)
	17	Hungary	Normally	(a), (b), (c), (d), (e), (f),(g)
	18	Luxembourg	Normally	(a), (b), (c), (d), (e), (f),(g)
	19	Malta	Normally	(a), (b), (c), (d), (e), (f),(g)
	20	Czech Republic	Normally	(a), (b), (c), (d), (e), (f),(g)
	21	Poland	Normally	(a), (b), (c), (d), (e), (f),(g)
	22	Bosnia and Herzegovina	Normally	(a), (b), (c), (d), (e), (f),(g)
	23	Belgium	Normally	(a), (b), (c), (d), (e), (f),(g)

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	24	Austria	Normally	(a), (b), (c), (d), (e), (f),(g)
	25	Estonia	Normally	(a), (b), (c), (d), (e), (f),(g)
	26	Ireland	Normally	(a), (b), (c), (d), (e), (f),(g)
	27	New Caledonia	Normally	(a), (b), (c), (d), (e), (f),(g)
	28	United Kingdom	Normally	(a), (b), (c), (d), (e), (f),(g)
	29	Italy	Normally	(a), (b), (c), (d), (e), (f),(g)
	30	Curacao Island	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	31	Bulgaria	Normally	(a), (b), (c), (d), (e), (f),(g)
	32	Uzbekistan	Normally	(a), (b), (c), (d), (e), (f),(g)
	33	Kazakhstan	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	34	Cyprus	Normally	(a), (b), (c), (d), (e), (f),(g)
EU	35	Lithuania	Normally	(a), (b), (c), (d), (e), (f),(g)
	36	Romania	Normally	(a), (b), (c), (d), (e), (f),(g)
	37	Moldova	Normally	(a), (b), (c), (d), (e), (f),(g)
	38	Latvia	Normally	(a), (b), (c), (d), (e), (f),(g)
	39	Azerbaijan	Normally	(a), (b), (c), (d), (e), (f),(g)
	40	Slovenia	Normally	(a), (b), (c), (d), (e), (f),(g)
	41	Albania	Normally	(a), (b), (c), (d), (e), (f),(g)
	42	Montenegro	PHOTOCO PANGA NOT ALLOWED	(a), (b), (c), (d), (e), (f),(g)
	43	North Macedonia	CONTRACTOR	(a), (b), (c), (d), (e), (f),(g)
	44	Serbia	受拉定件。III禁持贝 Normally	(a), (b), (c), (d), (e), (f),(g)
	45	Croatia	Normally	(a), (b), (c), (d), (e), (f),(g)
	46	Kosovo	Normally	(a), (b), (c), (d), (e), (f),(g)
	01	Calcutta	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	02	Telangana	Normally	(a), (b), (c), (d), (e), (f),(g)
	03	Andhra pradesh	Normally	(a), (b), (c), (d), (e), (f),(g)
	04	Tripura	Normally	(a), (b), (c), (d), (e), (f),(g)
	05	Kerala	Normally	(a), (b), (c), (d), (e), (f),(g)
	06	Rajasthan	Normally	(a), (b), (c), (d), (e), (f),(g)
	07	West Bengal	Normally	(a), (b), (c), (d), (e), (f),(g)
	08	maharashtra	Normally	(a), (b), (c), (d), (e), (f),(g)
	09	uttar pradesh	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	10	Tamil Nadu	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	11	Gujarat	Normally	
	13	karnataka	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (c), (f), (g)
	14	Madhya pradesh	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
India	16	Punjab	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	17	Haryana	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	18	Delhi	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	19	Bihar	Normally Normally	(a), (b), (c), (d), (c), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	20	Orissa		(a), (b), (c), (d), (e), (f),(g)
	21 23	Jharkhand Chhattisgarh	Normally Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	23	state of Jammu &Kashmir	Normally	(a), (b), (c), (d), (c), (f),(g)
	24	Uttarakhand	Normally	(a), (b), (c), (d), (e), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	25		Normally	(a), (b), (c), (d), (c), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	20	Himachal pradesh Goa	Normally	(a), (b), (c), (d), (c), (f),(g) (a), (b), (c), (d), (e), (f),(g)
	27	Manipur	Normally	(a), (b), (c), (d), (e), (f),(g)
	20		Normally	(a), (b), (c), (d), (e), (f),(g)
			,	
	29 30	Meghalaya Nagaland	Normally	(a), (b), (c), (d), (e), (f), (a), (b), (c), (d), (e), (f),

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	31	Mizoram	Normally	(a), (b), (c), (d), (e), (f),(g)
India	32	The state of punjab	Normally	(a), (b), (c), (d), (e), (f),(g)
	01	Hokkaido	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
Japan	02	Except Hokkaido	Normally	(a), (b), (c), (d), (e), (f),(g)
	01	Philippines	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	02	Cambodia	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	03	Maldives	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	04	Malaysia	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	05	Myanmar	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	06	Sri Lanka	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	07	Solomon Islands	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	08	Thailand	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	09	Singapore	hot and humid	(a), (b), (c), (d), (e), (f),(g)
ROA	10	Indonesia	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	11	Viet Nam	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	12	Bengal	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	13	Pakistan	Normally	(a), (b), (c), (d), (e), (f),(g)
	14	Korea, Republic of	Normally	(a), (b), (c), (d), (e), (f),(g)
	15	Mongolia	Normally	(a), (b), (c), (d), (e), (f),(g)
	16	Nepal	PHOTOCONSYMAN OT ALLOWED	(a), (b), (c), (d), (e), (f),(g)
	17	New Zealand	CONTROLLED COPY 受好的理制处整接见	(a), (b), (c), (d), (e), (f),(g)
	18	Hong Kong	Normally	(a), (b), (c), (d), (e), (f),(g)
	19	Brunei	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	01	North coast of Australia	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	02	Queensland	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	03	the State of Victoria	Normally	(a), (b), (c), (d), (e), (f),(g)
	04	Australian capital territory	Normally	(a), (b), (c), (d), (e), (f),(g)
AUS	05	New South Wales	Normally	(a), (b), (c), (d), (e), (f),(g)
	06	western australia	Normally	(a), (b), (c), (d), (e), (f),(g)
	07	Tasmania	Normally	(a), (b), (c), (d), (e), (f),(g)
	08	South Australia	Normally	(a), (b), (c), (d), (e), (f),(g)
	01	Barbados	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	02	Panama	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	03	Tropical rainforest area of northern Brazil	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	04	Dominican Republic	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	05	Colombia	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	06	Costa Rica	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	07	Guyana	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	08	Haiti	hot and humid	(a), (b), (c), (d), (e), (f),(g)
LAC	09	Honduras	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	10	Martinique	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	11	Peru	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	12	Argentina	Normally	(a), (b), (c), (d), (e), (f),(g)
	13	Mexico	Normally	(a), (b), (c), (d), (e), (f),(g)
	14	Nicaragua	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	15	El Salvador	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	16	Uruguay	Normally	(a), (b), (c), (d), (e), (f),(g)
	17	Jamaica	Normally	(a), (b), (c), (d), (e), (f),(g)
	18	Chile	Normally	(a), (b), (c), (d), (e), (f),(g)



LAC	19	Brazil(Except tropical rainfor- est area of northern)	Normally	(a), (b), (c), (d), (e), (f),(g)
	20	La Joya	Normally	(a), (b), (c), (d), (e), (f),(g)
	21	Bolivia	Normally	(a), (b), (c), (d), (e), (f),(g)
	22	The Republic of Guatemala	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	23	Saint Lucia	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	24	Bahamas	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	25	Puerto Rico	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	26	Paraguay	Normally	(a), (b), (c), (d), (e), (f),(g)
	27	Caribbean Islands	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	28	Arequipa	Normally	(a), (b), (c), (d), (e), (f),(g)
	29	Moquegua	Normally	(a), (b), (c), (d), (e), (f),(g)
	01	Hainan	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	02	Inner Mongolia	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	03	Sinkiang	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	04	Tibet	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	05	Golmud	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	06	Gansu	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	07	Heilongjiang	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	08	Jilin	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	09	Anhui	Normally	(a), (b), (c), (d), (e), (f),(g)
	10	Hebei	Normally	(a), (b), (c), (d), (e), (f),(g)
	11	Jiangsu	Normally	(a), (b), (c), (d), (e), (f),(g)
	12	Fujian	Normally	(a), (b), (c), (d), (e), (f),(g)
	13	Yunnan	CONGROEND COPY	(a), (b), (c), (d), (e), (f),(g)
	14	Szechwan	受拉omfall呼禁拷贝	(a), (b), (c), (d), (e), (f),(g)
	15	Ningxia	Normally	(a), (b), (c), (d), (e), (f),(g)
	16	Guizhou	Normally	(a), (b), (c), (d), (e), (f),(g)
CHN	17	Shanxi	Normally	(a), (b), (c), (d), (e), (f),(g)
	18	Henan	Normally	(a), (b), (c), (d), (e), (f),(g)
	19	Hubei	Normally	(a), (b), (c), (d), (e), (f),(g)
	20	Hunan	Normally	(a), (b), (c), (d), (e), (f),(g)
	21	Guangdong	Normally	(a), (b), (c), (d), (e), (f),(g)
	22	Guangxi	Normally	(a), (b), (c), (d), (e), (f),(g)
	23	Liaoning	Normally	(a), (b), (c), (d), (e), (f),(g)
	24	Shanghai	Normally	(a), (b), (c), (d), (e), (f),(g)
	25	Tianjin	Normally	(a), (b), (c), (d), (e), (f),(g)
	26	Jiangxi	Normally	(a), (b), (c), (d), (e), (f),(g)
	27	Shaanxi	Normally	(a), (b), (c), (d), (e), (f),(g)
	28	Shandong	Normally	(a), (b), (c), (d), (e), (f),(g)
	29	Chongqing	Normally	(a), (b), (c), (d), (e), (f),(g)
	30	Beijing	Normally	(a), (b), (c), (d), (e), (f),(g)
	31	Zhejiang	Normally	(a), (b), (c), (d), (e), (f),(g)
	32	Taiwan	hot and humid	(a), (b), (c), (d), (e), (f),(g)
USA	01	Florida	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	02	California	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	03	Arizona	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	04	Texas	High temperature difference and high irradiation	(a), (b), (c), (d), (e), (f),(g)
	05	Alaska	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
	06	Massachusetts	Normally	(a), (b), (c), (d), (e), (f),(g)

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				(a) (b) (a) (d) (a) (f) (a)
	07	New Jersey	Normally	(a), (b), (c), (d), (e), (f),(g)
	08	North Carolina	Normally	(a), (b), (c), (d), (e), (f),(g)
	09	New Canaan	Normally	(a), (b), (c), (d), (e), (f),(g)
	10	New York	Normally	(a), (b), (c), (d), (e), (f),(g)
	11	Hawaii	hot and humid	(a), (b), (c), (d), (e), (f),(g)
	12	Montana	Normally	(a), (b), (c), (d), (e), (f),(g)
	13	Nebraska	Normally	(a), (b), (c), (d), (e), (f),(g)
	14	Nevada	Normally	(a), (b), (c), (d), (e), (f),(g)
	15	New Hampshire	Normally	(a), (b), (c), (d), (e), (f),(g)
	16	New Mexico	PHOTOCONION ALLOWED	(a), (b), (c), (d), (e), (f),(g)
	17	North Dakota	CONTROLLED COPY	(a), (b), (c), (d), (e), (f),(g)
	18	Ohio	文任文件/赤窍妖 Normally	(a), (b), (c), (d), (e), (f),(g)
	19	Oklahoma	Normally	(a), (b), (c), (d), (e), (f),(g)
	20	Oregon	Normally	(a), (b), (c), (d), (e), (f),(g)
	21	Pennsylvania	Normally	(a), (b), (c), (d), (e), (f),(g)
	22	Rhode Island	Normally	(a), (b), (c), (d), (e), (f),(g)
	23	South Dakota	Normally	(a), (b), (c), (d), (e), (f),(g)
	24	Tennessee	Normally	(a), (b), (c), (d), (e), (f),(g)
	25	Utah	Normally	(a), (b), (c), (d), (e), (f),(g)
	26	Vermont	Normally	(a), (b), (c), (d), (e), (f),(g)
	27	Virginia	Normally	(a), (b), (c), (d), (e), (f),(g)
	28	Washington	Normally	(a), (b), (c), (d), (e), (f),(g)
USA	29	West Virginia	Normally	(a), (b), (c), (d), (e), (f),(g)
UUA	30	Wisconsin	Normally	(a), (b), (c), (d), (e), (f),(g)
	31	Wyoming	Normally	(a), (b), (c), (d), (e), (f),(g)
	32	Alabama	Normally	(a), (b), (c), (d), (e), (f),(g)
	33	Arkansas	Normally	(a), (b), (c), (d), (e), (f),(g)
	34	Colorado	Normally	(a), (b), (c), (d), (e), (f),(g)
	35	Connecticut	Normally	(a), (b), (c), (d), (e), (f),(g)
	36	Delaware	Normally	(a), (b), (c), (d), (e), (f),(g)
	37	Georgia state	Normally	(a), (b), (c), (d), (e), (f),(g)
	38	Idaho	Normally	(a), (b), (c), (d), (e), (f),(g)
	39	Illinois	Normally	(a), (b), (c), (d), (e), (f),(g)
	40	Indiana	Normally	(a), (b), (c), (d), (e), (f),(g)
	41	Iowa	Normally	(a), (b), (c), (d), (e), (f),(g)
	42	Kansas	Normally	(a), (b), (c), (d), (e), (f),(g)
	43	Kentucky	Normally	(a), (b), (c), (d), (e), (f),(g)
	44	Lousiana	Normally	(a), (b), (c), (d), (e), (f),(g)
	45	Maine	Normally	(a), (b), (c), (d), (e), (f),(g)
	46	Maryland	Normally	(a), (b), (c), (d), (e), (f),(g)
	47	Michigan	Normally	(a), (b), (c), (d), (e), (f),(g)
	48	Minnesota	Normally	(a), (b), (c), (d), (e), (f),(g)
	40	Mississippi	Normally	(a), (b), (c), (d), (e), (f),(g)
	50	Missouri	Normally	(a), (b), (c), (d), (e), (f),(g)
	50	South Carolina	Normally	(a), (b), (c), (d), (e), (f),(g)
Conodo	01	Canada	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
Canada	01	Russia	Gelid (Low irradiation)	(a), (b), (c), (d), (e), (f),(g)
Russia		Yerevan	Normally	(a), (b), (c), (d), (e), (f),(g)
Armenia	01	TELEVAL	normally	

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Limited Warranty

Trina Solar Co., Ltd ("Trina Solar") hereby grants the following Limited Warranty to the first customer installing (for its own use) (the "Buyer") any of the specified (and no other) brand models listed below (the "Products"):

1) Warranted Products

This Limited Warranty shall only apply to the following Products:

a) Polycrystalline Products

TSM-***PA03, TSM-***PA05, TSM-***PA05.05, TSM-***PA05.08, TSM-***PA05A, TSM-***PA05A.05, TSM-***PA05A.08, TSM-***PA14, TSM-***PA14A, TSM-***PA05.10, TSM-***PA05.15, TSM-***PA05.18, TSM-***PA05A.10, TSM-***PA05A.15, TSM-***PA05A.18, TSM-***PA05.002, TSM-***PA05.052, TSM-***PA05.082, TSM-***PA05.102, TSM-***PA05.182, TSM-***PA05.20, TSM-***PA05.25, TSM-***PA05.28, TSM-***PA14.20;

TSM-***PC03, TSM-***PC05, TSM-***PC05.01, TSM-***PC05.05, TSM-***PC05.08, TSM-***PC05A, TSM-***PC05A.05, TSM-***PC05A.08, TSM-***PC05B, TSM-***PC05B.05, TSM-***PC05B.08, TSM-***PC14, TSM-***PC14, TSM-***PC05A.08, TSM-***PC05A.10, TSM-***PC05A.10, TSM-***PC05A.10, TSM-***PC05A.15, TSM-***PC05A.18, TSM-***PC05A.002, TSM-***PC05A.052, TSM-***PC05A.082, TSM-***PC05A.003, TSM-***PC05A.18, TSM-***PC05A.002, TSM-***PC05A.05, TSM-***PC05A.082, TSM-***PC05A.003, TSM-***PC14.002, TSM-***PC05A.25, TSM-***PC06, TSM-***PC06.08, TSM-***PC05A.50, TSM-***PC05A.20, TSM-***PC05A.25, TSM-***PC05A.28, TSM-***PC05A(II), TSM-***PC05A.05(II), TSM-***PC05A.08(II), TSM-***PC05A.18(II), TSM-***PC05A.002(II), TSM-***PC05A.002(II), TSM-***PC05A.052(II), TSM-***PC05A.18(II), TSM-***PC05A.082(II), TSM-***PC05A.

TSM-***PD05, TSM-***PD05.05, TSM-***PD05.08, TSM-***PD05.10, TSM-***PD05.15, TSM-***PD05.18, TSM-***PD05.50, TSM-***PD05.002, TSM-***PD05.052, TSM-***PD05.082, TSM-***PD14, TSM-***PD14.08, TSM-***PD14.10, TSM-***PD14.15, TSM-***PD14.18, TSM-***PD14.002, TSM-***PD05(II), TSM-***PD05.05(II), TSM-***PD05.08(II), TSM-***PD05.10(II), TSM-***PD05.15(II), TSM-***PD05.18(II), TSM-***PD14(II), TSM-***PD14.08(II), TSM-***PD05.00S, TSM-***PD05.05S, TSM-***PD05.08S, TSM-***PD05.05U, TSM-***PD05.08U, TSM-***PD05.00C, TSM-***PD05.05C, TSM-***PD05.08C, TSM-***PD05.00D, TSM-***PD05.05D, TSM-***PD05.08D, TSM-***PD14.00C;

Trina Solar Co.,Ltd

LIMITED WARRANTY FOR TRINA SOLAR BRAND CRYSTALLINE SOLAR PHOTOVOLTAIC MODULES PS-M-0020 Rev. V April 15th, 2019

TSM-***PE05A, TSM-***PE05A.08, TSM-***PE14A, TSM-***PE14A.08, TSM-***PE05A(II), TSM-***PE05A.08(II), TSM-***PE14A(II), TSM-***PE14A.08(II);

TSM-***PE05H, TSM-***PE05H.08, TSM-***PE14H, TSM-***PE14H.08, , TSM-***PD05H, TSM-***PD14H, TSM-***PD05HB.09;

TSM-***PE15H, TSM-***PE15H.08, TSM-***PE15H.09, TSM-***PE06H, TSM-***PE06H.08, TSM-***PE06H.09, TSM-***PE15A, TSM-***PE15A.08, TSM-***PE15A.09, TSM-***PE06A, TSM-***PE06A.08, TSM-***PE06A.09, TSM-***PD06H, TSM-***PD06H.08, TSM-***PD06H.09, TSM-***PD15H, TSM-***PD15H.08, TSM-***PD15H.09, TSM-***PE15H(II), TSM-***PE15H.08(II), TSM-***PE15H.09(II), TSM-***PE06H(II), TSM-***PE06H.08(II), TSM-***PE06H.09(II), TSM-***PE15A(II), TSM-***PE15A.08(II), TSM-***PE15A.09(II), TSM-***PE06A(II), TSM-***PE06A.08(II), TSM-***PE06A.09(II), TSM-***PD06H(II), TSM-***PD06H.08(II), TSM-***PE06A.09(II), TSM-***PD06H.09(II), TSM-***PE06A.09(II), TSM-***PD06H(II), TSM-***PD06H.08(II), TSM-***PD06H.09(II), TSM-

b) Monocrystalline Products

TSM-***DA01, TSM-***DA01.05, TSM-***DA01A, TSM-***DA01A.05, TSM-***DA01A.08, TSM-***DA03, TSM-***DA05, TSM-***DA01A.10, TM-***DA01A.15, TSM-***DA01A.18, TSM-***DA01A.002, TSM-***DA01A.052, TSM-***DA01A.082;

TSM-***DC01, TSM-***DC01.01, TSM-***DC01.05, TSM-***DC01A, TSM-***DC01A.05, TSM-DC01A.08, TSM-***DC03, TSM-***DC05, TSM-***DC80, TSM-***DC80.08, TSM-***DC01A.10, TSM-***DC01A.15, TSM-***DC01A.18, TSM-***DC01A.002, TSM-***DC01A.052, TSM-***DC01A.082, TSM-***DC05A, TSM-***DC05A.05, TSM-***DC05A.08, TSM-***DC05A.002, TSM-***DC05A.052, TSM***DC05A.082; TSM-***DC05A.20, TSM-***DC05A.25, TSM***DC05A.28, TSM-***DC06, TSM-***DC06.08, TSM-***DC03A(II), TSM-***DC03A.05(II), TSM-***DC03A.08(II), TSM-***DC05A.052(II), TSM-***DC05A.05(II), TSM-***DC05A.08(II), TSM-***DC05A.002(II), TSM-***DC05A.052(II), TSM-***DC05A.082(II), TSM-***DC06.08(II);

TSM-***DD05A(II), TSM-***DD05A.05(II), TSM-***DD05A.08(II), TSM-***DD14A(II), TSM-***DD14A.08(II), TSM-***DD05A.052(II), TSM-***DD05A.082(II), TSM-***DD05A.05S(II), TSM-***DD05A.08S(II), TSM-***DD05A.05U(II), TSM-***DD05A.08U(II);

TSM-***DE05A(II), TSM-***DE05A.08(II), TSM-***DE14A(II), TSM-***DE14A.08(II);

TSM-***DE05H(II), TSM-***DE05H.08(II), TSM-***DE14H(II), TSM-***DE14H.08(II), TSM-***DD05H(II), TSM-***DD14H(II);

TSM-***DE06H(II), TSM-***DE06H.08(II), TSM-***DE06H.09(II), TSM-***DE06H.18(II),TSM-***DE06M(II), TSM-***DE06M.08(II), TSM-***DE06M.09(II), TSM-***DD06M.05(II), TSM-***DD06M.08(II), TSM-***DE15H(II), TSM-***DE15H.08(II), TSM-***DE15H.09(II), TSM-***DE15M(II), TSM-***DE15M.08(II), TSM-***DE15M.09(II), TSM-***DE06A(II), TSM-***DE06A.08(II), TSM-***DE06A.09(II), TSM-***DE15A(II), TSM-***DE15A.08(II), TSM-***DE15A.09(II), TSM-***DD15M (II), TSM-***DD15M.08 (II), TSM-***DD15M.09 (II), TSM-***DD06M.18 (II), TSM-***DD06M (II), TSM-***DD06M.18 (II), TSM-***DD06H (II), TSM-***DD06H.05 (II), TSM-***DD06H.08 (II), TSM-***DD06H.18 (II)

Note: The "***" placeholder stands in each case for the power indication set out in the relevant Product Data Sheet (for example "TSM-260PD05").

c) Mounting Products

Mounting products contained in Trinamount I, Trinamount II and Trinamount 3 D10. Applicable modules are set forth above in a) and b).

2) Warranty

a) 10 Year Limited Product Warranty

Trina Solar warrants that for a period of ten years commencing on the Warranty Start Date (as defined below)

- There will be no defects in design, material, workmanship or manufacture that materially impede the power generation functioning of the Product(s), and
- the Product(s) will conform to the Trina Solar executive specifications relating to power generation and safety .

10 Year Limited Product Warranty covers glass breakage provided that there was no external cause of breakage (i.e. only breakage caused by the glass itself or the module is covered).

Any deterioration in the appearance of the Product(s) (including, without limitation, any scratches, stains, mechanical wear, rust, or mold) or any other changes to the Product(s) which occur after delivery (Incoterm 2010) to the Buyer, do not constitute a defect under this Limited Warranty.

b) 25 Year Limited Power Output Warranty

In addition, Trina Solar warrants that for a period of twenty-five years commencing on the Warranty Start Date, the loss of power output relating to the initial guaranteed power which is defined as Peak Power Watts Pmax(Wp) plus Peak Power Watts Pmax(Wp) multiplied by the lower limit of the Power Output Tolerance Pmax(%)–as specified in the relevant Product Data Sheet and measured at Standard Test Conditions (STC: irradiation1000w/m²,temperature25°,AM1.5) for the Product(s) shall not exceed and measurement shall either be carried out by Trina Solar or by a third-party testing institute recognized by Trina Solar and the customer. (Remark: According to

STC, Measurement system uncertainty should be included in all actual power output measurements.)

- For Polycrystalline Products (as defined in Sec. 1 a): 2.5% in the first year, from the 2nd year to the 25th year, the average annual power decline will be no more than 0.7%. By the end of the 25th year, the actual power output will be no less than 80.7%;
- For Standard Monocrystalline Products (as defined in Sec. 1 b): 3.0% in the first year, from the 2nd year to the 25th year, the average annual power decline will be no more than 0.68%. By the end of the 25th year, the actual power output will be no less than 80.68%;
- For Monocrystalline PERC Products (as defined in Sec. 1 b): 2.5% in the first year, from the 2nd year to the 25th year, the average annual power decline will be no more than 0.68%. By the end of the 25th year, the actual power output will be no less than 81.18%.

3) Warranty Start Date

The Warranty Start Date is the date of installation of the Product(s) or three months after the delivery (Incoterms 2010) of the Product(s) to the Buyer, whichever date is earlier.

4) Exclusions and Limitations

The aforementioned "Limited Warranty" does not apply to any Products which have been subjected to

- a) Failure to pay the purchase price towards Trina Solar or its subsidiaries which have put the modules on the market even though (i), the payment was due and (ii) the direct customer who has obtained the modules from Trina Solar or its subsidiary ("Direct Customer") is not entitled to withhold the purchase price or parts of the purchase price. Trina Solar must inform the Buyer about the non-payment and provide the name and the full address of the Direct Customer which has failed to pay the modules. In case that Trina Solar can reject the claim under this warranty based on this provision, the Buyer can deposit the amount not paid in order to trigger the warranty claims;
- b) Failure to provide proof of purchase or product information;
- c) Failure to comply with the requirements of Trina Solar's user manual applicable during the Validity of this Limited Warranty pursuant to Sec 10;
- d) Failure to carry out proper operation and maintenance (including but not limited to operation and maintenance requirements requested by Trina's applicable User Manual or other applicable local laws and regulation of the place of installation);
- e) Service by service technicians who are not qualified under the relevant law and/or applicable regulations at the place of installation;
- f) The Product's type, nameplate or module serial number is changed, erased or made illegible (other than by any act or omission of Trina Solar);
- g) The Product's installation on mobile units (except photovoltaic tracking system), such as vehicles, ships or offshore-structures;

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Trina Solar Co.,Ltd

LIMITED WARRANTY FOR TRINA SOLAR BRAND CRYSTALLINE SOLAR PHOTOVOLTAIC MODULES PS-M-0020 Rev. V April 15th, 2019

- h) Exposure to voltage in excess to the maximum system voltage or power surges;
- i) Defective components in the construction on which the module is mounted;
- j) Exposure to mold discoloration or similar external effects;
- k) Exposure to any of the following:
 - i) Unauthorized modifications;
 - ii) Operation/maintenance by use of unauthorized spare parts;
 - iii) Application under extremely hot or extreme environmental conditions, or rapid changes in such application environments, resulting in corrosion, oxidation, or affected by chemical products;
 - iiii) Other acts beyond Trina Solar's reasonable control (including direct or indirect damage by war, fire, flood, hurricane, volcanic eruption, surface collapse, debris flow, lightning, earthquake, heavy snowfall, hailstone, strong breeze,etc.);
- I) Use of the Products in such a manner as to infringe Trina Solar's or any third party's intellectual property rights (Including but not limited to patents, trademarks, etc);
- m) Any subsequent sale of Product(s) from a country where Trina Solar was first marketed to another country is prohibited without the consent of Trina Solar (Prohibition of Parallel Import). But the Prohibition of Parallel Import does not apply to the sales within the European Union (EU), where the sale of Product(s) from one EU country to another does not require the consent of Trina Solar. However, the consent of Trina Solar must be obtained for the sale of Product(s) from outside the EU to EU country or from EU country to outside the EU.
- n) Only for buyers located in Australia applies: The "Limited Warranty" is only valid for products from authorized Australian resellers. Buyers may contact the Customer Support office in their region (as detailed in clause 7) for details of authorized Australian resellers.
- Only for buyers located in the US applies: The "Limited Warranty" is only valid for products from authorized US resellers. Buyers may contact the Customer Support office in their region (as detailed in clause 7) for details of authorized US resellers.
- p) Only for buyers located in Japan applies: The "Limited Warranty" is only valid for products from authorized Japanese resellers. Buyers may contact the Customer Support office in their region (as detailed in clause 7) for details of authorized Japanese resellers.

5) Repair, Replacement or Refund Remedy

- As Buyer's sole and exclusive remedy under this Limited Warranty (though Buyer should note paragraph 5(d) below regarding the potential existence of other statutory rights and paragraph 5(e) below for Australian Buyers) Trina Solar will, at its sole discretion, either, with regard to the applicable Product (or component thereof in the case of Mounting Product):
 - refund the salvage value of the defective Product(s). For purposes of this Limited Warranty salvage value = The market price at the moment of raising warranty claim (per watt) * remaining warranty period (year) / original total warranty period provided by Trina; or
 - ii) repair the defective Product(s) at no charge (subject to the following paragraph); or

iii) replace the defective Product(s) or part thereof by a new or remanufactured at no charge.
 Trina Solar reserves the right to provide a similar Product in replacement of the defective
 Product if the defective Product is discontinued or otherwise unavailable.

In the event that Trina Solar opts for options ii) or iii), Trina Solar shall bear all reasonable insurance and transportation charges (except air freight), customs clearance and any other reasonable costs for returning the defective Product(s) to Trina Solar and shipping the repaired or replaced Product(s) to Buyer (a Buyer may claim reimbursement by Trina for these charges by providing invoice from the relevant service provider to Trina Solar that these charges were incurred). Ownership of returned Product(s) shall pass to Trina Solar free of charge. The costs and expenses for the removal, repack, installation or reinstallation shall remain with Buyer. Defect modules or end of lifetime module shall be disposed by the customer in accordance with local applicable requirements, unless Trina Solar agrees to take them back.

- b) The warranty period(s) as defined in Sec. 2 a) and b) shall not extend or renew upon the repair or replacement of a defective Product by Trina Solar. The warranty period for replaced or repaired Product(s) is the remainder of the warranty on the original new Product(s).
- c) All other claims under this Limited Warranty against Trina Solar shall be excluded. Under this Limited Warranty, Trina Solar is not responsible for any special, incidental or consequential damages (including loss of profits, business interruption, loss of power generation, harm to goodwill or business reputation, or delay damages) whether such claims are based in contract, warranty, negligence or strict tort. This exclusion applies to the extent permissible by law, and even if the remedies set forth below herein are deemed to have failed of their essential purpose.
- d) YOU MAY HAVE SPECIFIC LEGAL RIGHTS OUTSIDE THIS WARRANTY, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THIS LIMITED WARRANTY DOES NOT AFFECT ANY ADDITIONAL RIGHTS YOU HAVE UNDER LAWS IN YOUR JURISDICTION GOVERNING THE SALE OF CONSUMER GOODS, INCLUDING WITHOUT LIMITATION, NATIONAL LAWS IMPLEMENTING EC DIRECTIVE 99/44 OR PURSUANT TO THE MAGNUSON MOSS WARRANTY ACT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE LIMITATIONS OR EXCLUSIONS IN THIS LIMITED WARRANTY STATEMENT MAY NOT APPLY.
- e) The following statement applies to customers that are 'consumers' within the meaning of the Australian Consumer 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 for 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) Rights and Remedies against Third Parties

This Limited Warranty shall be construed as a separate warranty and independent from any other contractual arrangement with third parties relating to the Product(s). It shall not affect any rights, obligations and remedies of the Buyer, if any, with regard to third parties for defects or non-conformity or non-compliance of the Products, notwithstanding its legal basis. The rights and remedies provided hereunder are in addition to any other rights and remedies against third parties to which Buyer may be entitled by agreements with such third parties or by law.

7) Claims Procedure, Notice Periods, Expiration of Warranty Claims and Limitations.

a) Buyer shall notify Trina Solar under this Limited Warranty using Trina Solar's Customer Service Portal at the web address <u>http://customerservice.trinasolar.com</u>; alternatively by letter or facsimile. The notification shall specify the claim and, without limitation, include proof for the purchase (purchasing invoices indicating purchase date, Product(s), serial numbers) and for the defect or malfunction (i.e. related to transport, storage, installation and operation) of the Product(s). The contact customer support center for the regions are:

Europe Customer Support

Trina Solar (Schweiz) AG Birkenweg 4 8304 Wallisellen, Switzerland T +41 43 299 68 00 F +41 43 299 68 10 http://customerservice.trinasolar.com

Australia and New Zealand Customer Support

Trina Solar (Australia) Pty Ltd Level 35, 60 Margaret Street, Sydney NSW 2000, Australia T +61 (0)2 9199 8500 F +61 2 9199 8006 http://customerservice.trinasolar.com

Rest of World (ROW) Customer Support

Trina Solar Co.,Ltd No. 2 Trina Road, Trina PV Industrial Park, New District, Changzhou, Jiangsu, P.R. China, 213031 T +86 519 8548 2008 F +86 519 8517 6021 http://customerservice.trinasolar.com

Americas Customer Support

Trina Solar (U.S.), Inc. 100 Century Center, Suite 501, San Jose CA 95112, USA T +1 800 696 7114 F +1 800 696 0166 http://customerservice.trinasolar.com

Japan Customer Support

Trina Solar (Japan) Limited World Trade Center Building 21F 4-1, Hamamatsu-cho, 2-chome, Minato-ku, Tokyo, Japan, 105-6121 T +81-3-3437-7000 F +81-3-3437-7001 http://customerservice.trinasolar.com

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- b) Any dispute on technical facts relating to claims brought under this Limited Warranty for defects of Products shall be determined by expert determination. Trina Solar and the Buyer will, at the Buyer's or Trina Solar's request, jointly appoint as independent expert and appraiser a reputable researcher from a first-class test-institute such as Fraunhofer ISE in Freiburg, TÜV Rheinland, TÜV SUD or ASU Arizona State University, and so on ("Technical Expert"). The determination by such Technical Expert shall be final, conclusive, binding and enforceable in any proceeding brought hereunder. The Technical Expert shall (i) act as an expert recognized by Trina; (ii) allow the parties a reasonable opportunity to make representations and counter-representations; (iii) take those representations and counter-representations into account; and (iv) if required by either party give written reasons for his or her determination.
- c) Any claim for breach of this Limited Warranty must be brought within two (2) months after discovery of the breach.
- d) The return of any defective Product(s) will not be accepted unless prior written authorization has been given by Trina Solar.

8) Force Majeure

Trina Solar shall not be responsible or liable in any way to the Buyer for any non-performance or delay in Trina Solar's performance under this Limited Warranty due to occurrences of force majeure such as, war, riots, strikes, unavailability of suitable and 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 at the time of the sale of the defective Product(s) or the notification of the relevant warranty claim under this Limited Warranty.

9) Warranty Assignment

This Limited Warranty is transferrable when the Products remain installed in their original installation location.

10) Validity

This Limited Warranty shall apply to Product(s)

delivered to Buyer on or after 15th of April 2019 (Incoterms 2010). This Limited Warranty shall be valid until a new revision is issued by Trina Solar.

11) No Other Express Warranty

Except as otherwise provided by applicable statutory law (cf. Sec. 5 d) and 5 e) above) or unless modified in writing and signed by an officer of Trina Solar, the Limited Warranty set forth herein is the only express warranty (whether written or oral) by Trina Solar applicable to the Products and no one is authorized to restrict, expand or otherwise modify this Limited Warranty.

12) Miscellaneous

If any provision of this Limited Warranty is held invalid, unenforceable or contrary to law then the validity of the remaining provisions of this Limited Warranty shall remain in full force and effect.

13) Limitation of Liability

To the maximum extent permitted by applicable law, Trina Solar's aggregate liability according to this Limited Warranty shall not exceed the purchase price paid by the Buyer for the defective Product(s) in the case of a Warranty Claim. The Buyer acknowledges that the foregoing limitation of liability is an essential element of this Warranty and that in the absence of such limitations the purchase price of the Product(s) would be significantly higher.

14) Applicable Law and Jurisdiction

The validity of this Limited Warranty, the construction of its terms and the interpretation and enforcement of the rights and duties of the Buyer and Trina Solar shall be governed by the laws of the country of the original installation location of the Product(s), to the exclusion of that country's conflicts of law rules as well as of the United Nations Convention on the International Sale of Goods dated 11 April 1980 (CISG) and of any other uniform law.

All disputes arising out of or in connection with this Limited Warranty shall be finally settled before the ordinary courts of the country of the original installation location of the Product(s).

Note

The installation and operation of photovoltaic modules requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using and operating the Product(s). <u>http://www.trinasolar.com/en-glb/resources/downloads</u>



Limited Warranty Supplement 25 year product warranty for TSM-***DE09R.B5, TSM-***DE09R.08

To Whom it may concern,

It is hereby stated that the module of TSM-***DE09R.B5, TSM-***DE09R.08, Trina Solar supplied and listed under Global Limited Warranty Sec.1) b) (iii), (b) (vi), Trina Solar warrants that for a period of twenty-five (25) years commencing on the Warranty Start Date (as defined in Global Limited Warranty Sec. 4 there will be no defects in design, material, workmanship or manufacturing that materially impede the power output of the Products provided that such defects have been reasonably proved to be the direct and sole cause to such power underperformance of such Products.

The Limited Product Warranty covers glass breakage provided that there was no external cause of breakage (i.e. only breakage caused by the glass itself or the module is covered).

Any deterioration in the appearance of the Products (including, without limitation, any scratches, stains, mechanical wear, rust, mold, deformation or discoloration) or any other changes to the Products which occur after delivery (Incoterms 2020) by Trina Solar to the Buyer, do not constitute a defect under the Limited Product Warranty.

This Limited Warranty Supplement only applies to the TSM-***DE09R.B5, TSM-***DE09R.08,Products that are delivered by Trina Solar after 1st August, 2022(incoterm 2020) and installed within Australia & New Zealand residential rooftop market. Any other warranty terms not mentioned in this supplement shall be subject to the latest version of Global Limited Warranty of Trina Solar.

(Website: https://www.trinasolar.com/au/resources/downloads).

