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2	3	В		ultra-effici omponent peak	WuPengfei	2023. 05. 11		
3	3/8	С	limited The new under s Operati The docu	pcon double warranty; Topcon doub tandard Test ng temperatu ment was chang ogy Co., LTD	le glass com conditions re Test cond	nponents are and nominal litions.	Zhu Qiang	2024. 2. 27
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Work out	Z	hu Qiang	Examine and verify	You Jian (	Chen	Ratif	y Zhong	wei zhang
Date	2	024.2.27	Date	2024. 2.	27	Date	202	24. 2. 29

Guosheng Shian Technology Co., Ltd. (hereinafter referred to as "Guosheng Technology") provides limited warranty for customers who purchase the company's crystalline silicon products. The details are as follows:

### 1. Limited warranty for repair or replacement within 2 years

The crystal photovoltaic cell modules (hereinafter referred to as the modules) sold by Guosheng Technology include the DC connectors and cables assembled from the factory. If the product has material, process or manufacturing problems (not meeting the requirements of the contract) or failure due to material, process or manufacturing problems, Guosheng Technology will provide free warranty (except for the cost specified in Article 3 of this warranty).

Guosheng Technology will choose by itself, or repair, or replace the products. The remedy for repair or replacement shall be the only measure provided under the limited warranty and shall not extend the aforementioned 12year warranty period. The warranty clause does not contain warranty specific power output, see clause 2 below (Peak Limited Warranty) for power warranty. pour:

Normal use and maintenance conditions mean that the installation, use, maintenance, storage and transportation of the products meet the requirements of the use instructions.

Warranty start date: three months after the delivery of the product to the buyer (the customer), or the installation of the product, whichever comes first.

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If, under the standard Test conditions, any solar module is sold to the customer with the power output below the percentage of the minimum peak power shown in the table below, this minimum peak power is the minimum peak power specified in the Product Information Book of Guosheng Technology on the date of delivery.

Table 1. Single-glass, single-crystal components

peak power 99.00 98.6

16

17

of%

Year

Tab	10 1.	JIIg		100, 0	ingit	Cryst		mponer	115						
Year	1	2	3	3	4	5	6	7	8	9		10	11	12	13
Minimum peak power of%	98	97.4	45 96	9.90 9	6.35	95.80	96.25	94.70	94.1	5 93	.6 93	3.05	92.5	91.95	91.4
Year	14	15	1	6	17	18	19	20	21	22	2 2	23	24	25	
Minimum peak power of%	90.8	5 90.3	30 89	0.75 8	9.20	88.65	88.10	87.55	5 87.0	00 86.	45 8	5.90 8	85.35	84.80	
Table	e 2. D	ouble-	-glass	s sing	le-cr	ystal	compo	nents					·	·	
Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Minimum peak power of%	98.00	97.55	97.10	96.66	96.21	95.76	95.31	94.86	94.42	93.97	93.52	93.07	92.62	92.18	91.73
Year	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Minimum peak power of%	91.28	90.83	90.38	89.94	89.49	89.04	88.59	88.14	87.70	87.25	86.80	86.35	85.90	85.46	85.01
Table	e 3 U1	tra-e	fficie	ent he	teroj	unctio	on dou	ble-g	lass c	compon	ents				
Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Minimum peak power of%	99.00	98.63	98.26	97.89	97.52	97.15	96.78	96.41	96.04	95.67	95.30	94.93	94.56	94.19	93.82
Year	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Minimum peak power of%	93.45	93.08	92.71	92.34	91.97	91.60	91.23	90.86	90.49	90.12	89.75	89.38	89.01	88.64	88.27
Tab	le 4 '	Topcor	n doub	le-gl	ass a	ssemb1	у			1					
Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Minimum						1									

97.4

20

97.8

19

98.2

18

97.0

21

96.6

22

96.2

23

95.8

24

95.4

25

95.0

26

94.6

27

94.2

28

93.8

29

93.4

30

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Minimum peak power	93.0	92.6	92.2	91.8	91.4	91.0	90.6	90.2	89.8	89.4	89.0	88.6	88.2	87.8	87.4
of%															

If the sheng technology confirm the lack of power (the sheng technology reserves the right to decide, and the sheng technology judgment) is caused by the material or process defects, the sheng new can will to provide additional photovoltaic modules to compensate the lack of power or replace defective photovoltaic modules, or repair or replace the components. The above method is chosen by Guosheng Technology.

The compensation method in clause 2 above is the only compensation method provided under the limited peak warranty.

pour:

A. Under the standard Test conditions and nominal working temperature Test conditions, the factory peak power of single crystal components meets the following correspondence relationship:

Model Test condition	GSM- MP3/132M650	GSM- MP3/132M655	GSM- MP3/132M660	GSM- MP3/132M665	GSM- MP3/132M670
STC	650	655	660	665	670
NOCT	483	485	490	494	497
Model Test condition	GSM- MP3/120M590	GSM- MP3/120M595	GSM- MP3/120M600	GSM- MP3/120M605	GSM- MP3/120M610
STC	590	595	600	605	610
NOCT	438	442	445	449	453

Model					
Test condition	GSM- MP4/156M580	GSM- MP4/156M585	GSM- MP4/156M590	GSM- MP4/156M595	GSM- MP4/156M600
STC	580	585	590	595	600
NOCT	431	434	437	442	446
Model- type Test conditions	GSM- MP4/144M530	GSM- MP4/144M535	GSM- MP4/144M540	GSM- MP4/144M545	GSM- MP4/144M550
STC	530	535	540	545	550
NOCT	394	397	401	404	408
Mod el Test conditions	GSM- MP4/132M485	GSM- MP4/132M490	GSM- MP4/132M495	GSM- MP4/132M500	GSM- MP4/132M505
STC	485	490	495	500	505
NOCT	361	364	367	371	375
Mode I Test conditions	GSM- MP4/120M440	GSM- MP4/120M445	GSM- MP4/120M450	GSM- MP4/120M455	GSM- MP4/120M460
STC	440	445	450	455	460

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NOCT	327	330	334	338	341
Model- type Test conditions	GSM- MP4/108M395	GSM- MP4/108M400	GSM- MP4/108M405	GSM- MP4/108M410	GSM- MP4/108M415
STC	395	400	405	410	415
NOCT	294	297	300	304	308

Peak power: refers to the peak watt of the photovoltaic module at the highest power point.

Standard Test conditions (STC): (a) spectra of AM 1.5, (b) irradiation of 1000W /  $m^2$ , (c) cell temperature of 25°C and at the correct illumination angle. Nominal operating temperature Test condition (NOCT): (a) spectrum of AM 1.5, (b) irradiation of 800W /  $m^2$ , (c) cell temperature of NOCT  $\pm$  2°C and at the correct angle of illumination.

B. Under the standard Test conditions and nominal working temperature Test conditions, the factory peak power of double-glass single crystal components meets the following correspondence relationship:

Model Test condition	GSM- MP3/132BMD G650	GSM- MP3/132BMD G655	GSM- MP3/132BMD G660	GSM- MP3/132BMD G665	GSM- MP3/132BMD G670
STC	650	655	660	665	670
NOCT	483	485	490	494	497
Model Test condition	GSM- MP3/120BMD G590	GSM- MP3/120BMD G595	GSM- MP3/120BMD G600	GSM- MP3/120BMD G605	GSM- MP3/120BMD G610
STC	590	595	600	605	610
NOCT	438	442	445	449	453

Model Test condition	GSM- MP4/144BMD G530	GSM- MP4/144BMD G535	GSM- MP4/144BMD G540	GSM- MP4/144BMD G545	GSM- MP4/144BMD G550
STC	530	535	540	545	550
NOCT	394	397	401	404	408
Model Test condition	GSM- MP4/132BMD G485	GSM- MP4/132BMD G490	GSM- MP4/132BMD G495	GSM- MP4/132BMD G500	GSM- MP4/132BMD G505
STC	485	490	495	500	505
NOCT	361	364	367	371	375
Model Test condition	GSM- MP4/120BMD G440	GSM- MP4/120BMD G445	GSM- MP4/120BMD G450	GSM- MP4/120BMD G455	GSM- MP4/120BMD G460
STC	440	445	450	455	460
NOCT	327	330	334	338	341

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Model Test condition	GSM- MP4/108BMD G395	GSM- MP4/108BMD G400	GSM- MP4/108BMD G405	GSM- MP4/108BMD G410	GSM- MP4/108BMD G415
STC	395	400	405	410	415
NOCT	294	297	300	304	308

Peak power: refers to the peak watt of the photovoltaic module at the highest power point.

Standard Test conditions (STC): (a) spectra of AM 1.5, (b) irradiation of 1000W /  $m^2$ , (c) cell temperature of 25°C and at the correct illumination angle.

Nominal operating temperature Test condition (NOCT): (a) spectrum of AM 1.5, (b) irradiation of 800W /  $m^2$ , (c) cell temperature of NOCT  $\pm$  2°C and at the correct angle of illumination.

C. Under the standard Test conditions and double-sided standard Test conditions, the factory peak power of ultra-efficient heterojunction single crystal components meets the following correspondence relationship:

Model Test condition	GSM- MH3/132BHDG 680	GSM- MH3/132BHDG 685	GSM- MH3/132BHDG 690	GSM- MH3/132BHDG 695	GSM- MH3/132BHDG 700
STC	680	685	690	695	700
BSTC	752	757	762	767	772
Model Test condition	GSM- MH3/120BHDG 615	GSM- MH3/120BHDG 620	GSM- MH3/120BHDG 625	GSM- MH3/120BHDG 630	GSM- MH3/120BHDG 635
STC	615	620	625	630	635
BSTC	680	685	690	695	700

Model Test condition	<b>GSM-MH</b> 4/156BHDG62 0	GSM-MH 4/156BHDG 625	GSM-MH 4/156BHDG 630	GSM-MH 4/156BHDG 635	GSM-MH 4/156BHDG 640
STC	620	625	630	635	640
BSTC	682	688	694	698	705
Model Test condition	GSM-MH 4/144BHDG 580	GSM-MH 4/144BHDG 585	GSM-MH 4/144BHDG 590	GSM-MH 4/144BHDG 595	GSM-MH 4/144BHDG 600
STC	580	585	590	595	600
BSTC	642	646	651	656	661
Model Test condition	GSM-MH 4/132BHDG 530	GSM-MH 4/132BHDG 535	GSM-MH 4/132BHDG 540	GSM-MH 4/132BHDG 545	GSM-MH 4/132BHDG 550
STC	530	535	540	545	550
BSTC	587	591	596	601	605
Model Test condition	GSM-MH 4/120BHDG 480	GSM-MH 4/120BHDG 485	GSM-MH 4/120BHDG 490	GSM-MH 4/120BHDG 495	GSM-MH 4/120BHDG 500

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STC	480	485	490	495	500
BSTC	532	536	541	546	550

Model Test condition	GSM-MH 4/108BHDG42 0	GSM-MH 4/108BHDG42 5	GSM-MH 4/108BHDG43 0	GSM-MH 4/108BHDG43 5	GSM-MH 4/108BHDG44 0
STC	420	425	430	435	440
BSTC	466	471	476	480	485

Peak power: refers to the peak watt of the photovoltaic module at the highest power point.

Standard Test conditions (STC): (a) spectra of AM 1.5, (b) irradiation of 1000W /  $m^2$ , (c) cell temperature of 25°C and at the correct illumination angle. Double-sided standard Test conditions (BSTC): (a) AM 1.5 spectrum, (b) (1+0.135BIFI) 1000W /  $m^2$ , (c) cell temperature of 25°C and at the correct angle of illumination.

D. Topcon Under the standard Test conditions and the nominal working temperature Test conditions, the factory peak power meets the following correspondence relationship:

Model Test condition	GSM -MT 4/156-BTDG 605	GSM -MT 4/156-BTDG 610	GSM -MT 4/156-BTDG 615	GSM -MT 4/156-BTDG 620	GSM -MT 4/156-BTDG 625
STC	605	610	615	620	625
NOCT					
Model Test condition	GSM -MT 4/144-BTDG 560	GSM -MT 4/144-BTDG 565	GSM -MT 4/144-BTDG 570	GSM -MT 4/144-BTDG 575	GSM -MT 4/144-BTDG 580
STC	560	565	570	575	580
NOCT	421	425	429	432	435
Model Test condition	GSM -MT 4/108-BTDG 410	GSM -MT 4/108-BTDG 415	GSM -MT 4/108-BTDG 420	GSM -MT 4/108-BTDG 425	GSM -MT 4/108-BTDG 430
STC	410	415	420	425	430
NOCT	302	306	310	314	318

Peak power: refers to the peak watt of the photovoltaic module at the highest power point.

Standard Test conditions (STC): (a) spectra of AM 1.5, (b) irradiation of 1000W /  $m^2$ , (c) cell temperature of 25°C and at the correct illumination angle. Nominal operating temperature Test condition (NOCT): (a) spectrum of AM 1.5, (b) irradiation of 800W /  $m^2$ , (c) cell temperature of NOCT  $\pm$  2°C and at the correct angle of illumination.

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## 3. Exclusivity and limitation

A. In any case the duration of the claim is within the applicable warranty in accordance with the component warranty instructions outlined in clause 4 of the Limited Warranty.

B. The limited warranty is not applicable to the photovoltaic modules judged by Guosheng Technology in the following conditions:

Misuse, abuse, negligence or accident;

Change, improper installation, or use;

Do not comply with the user installation and maintenance guidelines of Guosheng Technology;

Maintenance or modification by maintenance technical personnel not recognized or authorized by Guosheng Technology;

Fults caused by equipment around components;

Not installation and use according to product specifications and installation manual under special conditions or environment;

Not being used for power generation purposes;

Connect to photovoltaic modules of other manufacturers, or to modules of different types or different output power specifications of Guosheng Technology; Damage caused by transportation and storage after delivery to the user; Guosheng Technology believes that the natural scratches, stains, mechanical wear, rust, degradation, and fading have no impact on the power generation performance or the mechanical strength of the components, but occur after shipment;

Damage caused by overpressure, lightning, flood, fire, accidental damage or other irresistible and unanticipated natural disasters and other uncontrollable effects of Guosheng Energy;

C. The limited warranty does not include the transportation cost of any PV module returns, the reshipment of repaired or replaced PV modules, or the installation, removal or reinstallation of PV modules.

D. If the type or serial number of the photovoltaic module has been replaced, removed, or difficult to identify, the limited warranty will not be honored.E. Guosheng Technology shall not bear the liabilities or bear the relevant legal liabilities for the following matters:

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Any personnel injury or property loss, or other loss or injury, including any liability or legal liability arising from any cause, including, but not limited to, the defect, use or installation of the components; In any case, Guosheng Technology is not liable for the use, profit, income, production or special loss; the accumulated compensation or other compensation shall not exceed the invoice amount of the affected components paid by the customer.

#### 4. Quality assurance and performance

A. The shelf life claim shall be applied in writing. The written application for the shelf life claim shall be sent to (a) the distributor of Guosheng Technology, or (b) the authorized component distributor of Guosheng Technology, within twenty (20) days from the date of the occurrence of the warranty matters. B. A written application for a shelf life claim must be made by registered mail or express mail. This application must include the product serial number of the modules, with the product invoice and a copy of the purchase contract, and must state that " I hereby accept and agree that clause 6 claims a limited warranty right through law, expert identification and arbitration."The notice of notice shall be accompanied by proof of the date of sale, the date of purchase of the solar products. Claims that do not meet the deadline of Article 4 C will not be accepted.

C. If the right to claim will be lost: A, the Customer fails to notify the Company or the distributor in writing, or still use the defect during the warranty period; b, the Customer does not conduct court or arbitration proceedings within six months after receiving the notice of the claim from the Company.

D. If the warranty application is received, if this type of component is no longer produced, Guosheng Technology reserves the right to replace another type of component (different in size, specification, color, or power).

E. Repair, replacement, or additional components are neither replaced nor extended under warranty after delivery.

F. Any defective components announced or replaced will become the property of Guosheng Technology. The defective products shall be returned or handled at the

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customer's own expense according to the instructions of Guosheng Technology. If appropriate, the customer's distributor or distributor will provide advice when handling the claims. If the need for further help, please request to Guosheng Technology in writing. Any photovoltaic module return requirements will not be accepted unless pre-approved by Guosheng Energy.

G. When a batch of components is found to have a safety risk or do not meet mandatory standards or bans, it will be recalled in accordance with the ACC Product Safety Recall Guidelines (see website: http://

<u>www.productsafety.gov.au/publication/consumer-safety-recall-guidelines)</u>. H. In addition to other rights and remedies legally available to consumers, the following warranty are provided. Our goods come with warranties which cannot be excluded under Australian Consumer Law. The consumer is entitled to a alternative refund for material failure and any compensation for any other reasonably foreseeable loss or damages. Consumers shall also have the right to request repair or replacement of the goods if they are not qualified and do not constitute a major failure.

## 5. Partiability

If a partial provision or provision of this limited warranty is invalid, useless or impossible to the application of the person or environment, such circumstances will not affect the application of all other provisions and provisions, and the application of other provisions and provisions of the limited warranty shall be regarded as divisible.

## 6. Disputes

Any complaint action related to the limited warranty, regardless of its form, is only valid for six months.

In the case of warranty claim dispute, Fraunhofer ISE or TUV, a first-class international testing agency designated by Guosheng Technology, will participate in the claim judgment. All expenses and expenses shall be borne by the losing party (responsible party), unless otherwise stated.

The final interpretation of this warranty is owned by ShengShengan Technology Co., LTD.

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# 7. Guosheng contact information

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