



## Certificate of Factory Production Control

This certificate has been issued to

***LONGi Green Energy Technology Co., Ltd.***

of

No.388, Middle Hangtian Road  
Chang'an District  
Xi'an City  
Shaanxi Province  
710100  
People's Republic of China

whose production management system has been assessed and found to comply  
with the Factory Production Control Requirements of the MCS Product  
Certification Scheme in respect of:

### Production of Photovoltaic Solar Panels

at the address(s) listed on the Annex of this certificate

and includes the ranges of

### Photovoltaic Solar Panels

as detailed on the attached annex to this certificate

Signed:

on behalf of TUV SUD BABT UNLIMITED

Certificate Number: BABT 8771 R17

Valid from: 27 February 2025

This Certificate expires on: 28 November 2025



**CERTIFIED**

The holder of this certificate is authorised to use the MCS Approved Product Mark. This certificate has been issued in accordance with the Testing, Certification, Validation and Verification Regulations of TÜV SÜD. Conditions of validity of this certificate, if any, are listed in the Annex.

This certificate constitutes page 1 of the combined Certificate and Annex.

For further details related to this certification please contact [BABT@tuvsud.com](mailto:BABT@tuvsud.com)

TUV SUD BABT Unlimited,  
Octagon House, Concorde Way, Segensworth North, Fareham, Hampshire, PO15 5RL

# Annex to Factory Production Control Requirement Microgeneration Certification Scheme



## 1 Manufacturing Location

Facility 1	Facility 2
LONGi Solar Technology (Chuzhou) Co., Ltd. No.19 Huai'an Road, Nanqiao District, Chuzhou City, Anhui Province, 239000, P.R. China	LONGi Solar Technology (Xianyang) Co., Ltd. No.120 Wenxing West Road, Qindu District, Xianyang City, Shaanxi Province, 712000, P.R. China
Facility 3	Facility 4
LONGi Solar Technology (Jiangsu) Co., Ltd. No.288 Yaojia Road, Jiulong Town, Hailing District, Taizhou City, Jiangsu Province, 225300, P.R. China	LONGi Photovoltaic Technology (Taizhou) Co., Ltd. No.8 Taikang Road, Hailing District, Taizhou City, Jiangsu Province, 225300, P.R.China
Facility 5	Facility 6
LONGi Solar Technology (Jiaxing) Co., Ltd. No.130 Ruifeng Street, Gaozhao Subdistrict, Xiuzhou District, Jiaxing City, Zhejiang Province, 314031, P.R.China	LONGi Solar Technology (Wuhu) Co., Ltd. North of Wanxing Road and West of Yudai Road, Shenxiang Area Economic Technology Development Zone, Wuhu City, Anhui Province, 241000, P.R.China
Facility 7	Facility 8
LONGi Photovoltaic Technology (Jiaxing) Co., Ltd. No.855 Zhongxin Road, Wangdian Town, Xiuzhou District, Jiaxing City, Zhejiang Province, 314000, P.R.China	N/A

# Annex to Factory Production Control Requirement Microgeneration Certification Scheme



## 2 Established Conformity

### 2.1 Product Certification Scheme Requirements

Microgeneration Certification Scheme	Revision	Applicability
MCS 005 – Solar Photovoltaic Modules	Issue 3.1	<input checked="" type="checkbox"/>
MCS 010 – Factory Production Control Requirements	Issue 2.0	<input checked="" type="checkbox"/>
MCS 012 – Pitched Roof Installation Kits	Issue N/A	<input type="checkbox"/>
MCS 017 – Bespoke Building Integrated Photovoltaic Products	Issue N/A	<input type="checkbox"/>

### 2.2 Assessment Report

Assessment Report Number	Issue Number	Issue Date
BABT 8771 R17	1	2025-02-26

## 3 Technical Documentation

### 3.1 User Guide

PV Module Installation Manual LGiLE-T-PRD-013-18 Version V29 Modified 2024-10-09

### 3.2 Test Reports

50155409 008	Issued	2019-07-11
50155409 012	Issued	2019-11-06
50155409 013	Issued	2019-11-20
50155409 024	Issued	2020-12-24
50155409 039	Issued	2022-07-04
50155409 043	Issued	2023-01-05
50155409 046	Issued	2023-09-19
50155409 047	Issued	2023-10-31
50176782 009	Issued	2022-03-10
50212844 020	Issued	2020-12-31
50212844 032	Issued	2021-12-14
50212844 033	Issued	2021-12-20
50212844 035	Issued	2022-03-17
50212844 036	Issued	2022-04-28
50212844 037	Issued	2022-06-09
50212844 038	Issued	2022-07-05
50212844 039	Issued	2022-07-08
50212844 040	Issued	2022-07-28
50212844 041	Issued	2022-08-19
50212844 042	Issued	2022-10-24
50212844 043	Issued	2022-12-06
50212844 044	Issued	2023-03-08
50212844 045	Issued	2023-07-06
50212844 046	Issued	2023-07-21
50212844 047	Issued	2023-08-11
704061700509-07	Issued	2019-07-09
704061700509-08	Issued	2019-10-22
704061700509-09	Issued	2019-11-25

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704061700509-10	Issued	2020-03-09
704061700509-11	Issued	2020-04-15
704061700509-12	Issued	2020-07-01
704061700509-13	Issued	2020-07-22
704061700509-13A 1	Issued	2020-07-22
704061700509-14	Issued	2020-09-09
704061700509-15	Issued	2020-10-12
704061700509-16	Issued	2020-11-04
704061700509-17	Issued	2021-01-25
704061700509-19	Issued	2021-09-15
704061700509-21	Issued	2022-06-25
704061700509-22	Issued	2022-08-01
704061700509-23	Issued	2022-11-08
704061700509-24	Issued	2022-11-24
704061700509-25	Issued	2022-12-31
704061700509-26A 4	Issued	2023-04-12
704061700509-27	Issued	2023-03-16
704061700509-28	Issued	2023-05-18
704061700509-29	Issued	2023-10-16
704061700509-30	Issued	2023-11-06
704061700509-31	Issued	2023-11-17
704061700509-32	Issued	2023-12-01
704061700509-33	Issued	2024-01-30
704061700509-34	Issued	2024-03-20
704061700509-35	Issued	2024-05-30
704061700509-36	Issued	2024-07-04
704061700509-37	Issued	2024-08-02
704061700516-03	Issued	2019-06-27
704061700516-04	Issued	2019-10-17
704061700516-05	Issued	2019-11-09
704061700516-06	Issued	2019-11-28
704061700516-07	Issued	2020-03-09
704061700516-08	Issued	2020-04-13
704061700516-09	Issued	2020-06-25
704061700516-10	Issued	2020-07-24
704061700516-11	Issued	2020-08-19
704061700516-12	Issued	2020-10-30
704061700516-14	Issued	2021-01-24
704061700516-15	Issued	2021-05-07
704061700516-17	Issued	2021-12-06
704061700516-18	Issued	2022-01-11
704061700516-21	Issued	2022-06-28
704061700516-21A 1	Issued	2022-07-05
704061700516-22	Issued	2022-08-01
704061700516-23	Issued	2022-09-01
704061700516-24	Issued	2022-11-16
704061700516-25	Issued	2023-01-05
704061700516-26	Issued	2023-05-19
704061700516-27	Issued	2023-07-05
704061700516-28	Issued	2023-08-04
704061700516-29	Issued	2023-11-13
704061700516-30	Issued	2024-02-05
704061700516-31	Issued	2024-04-17
704061700516-32	Issued	2024-05-29
704061700516-33	Issued	2024-08-13
704061802022-04	Issued	2019-07-10
704061802022-05	Issued	2019-11-25
704061802022-12	Issued	2022-03-16
704062401243-00	Issued	2024-04-09

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704062401243-01	Issued	2024-05-29
CN236KD3 001	Issued	2024-01-30
CN236KD3 002	Issued	2024-05-13
CN23DWS9 001	Issued	2023-09-20
CN23DWS9 002	Issued	2024-02-05
CN23DWS9 003	Issued	2024-02-26
CN23DWS9 004	Issued	2024-04-22
CN23DWS9 005	Issued	2024-06-19
CN23DWS9 006	Issued	2024-06-27
CN23DWS9 007	Issued	2024-06-27
CN23DWS9 008	Issued	2024-07-10
CN23DWS9 009	Issued	2024-07-31
CN23DWS9 010	Issued	2024-08-14
CN23DWS9 011	Issued	2024-10-09
CN23DWS9 012	Issued	2024-10-15
CN23DWS9 013	Issued	2024-11-27
CN24AT9B 001	Issued	2024-03-20
CN24AT9B 002	Issued	2024-04-23
CN24AT9B 003	Issued	2024-06-06
CN24O71Q 001	Issued	2024-05-13
704061700509-38	Issued	2024-09-28
704061700509-38A 1	Issued	2024-10-22
704061700509-38A 2	Issued	2024-10-22
704061700509-38A 3	Issued	2024-11-14
704061700509-38A 4	Issued	2024-11-25
704061700509-39	Issued	2024-12-03
704061700516-34	Issued	2024-10-23
CN24AT9B 004	Issued	2024-08-09
CN24AT9B 005	Issued	2024-09-24
CN24AT9B 006	Issued	2024-10-15

## 4 Products Within Scope of Certification

### 4.1 MCS 005: Solar Photovoltaic Modules

Product Type	Product Name <sup>Note 1</sup>	Power Range (W) <sup>Note 2</sup>	Certification Number
Monocrystalline	LR6-60HPB-xxxM	300 - 320	BABT8771-01/00
Monocrystalline	LR4-60HPB-xxxM	335 - 380	BABT8771-02/01
Monocrystalline	LR6-72HPH-xxxM	365 - 395	BABT8771-03/00
Monocrystalline	LR6-60HPH-xxxM	300 - 325	BABT8771-04/00
Monocrystalline	LR4-72HPH-xxxM	420 - 465	BABT8771-05/02
Monocrystalline	LR4-60HPH-xxxM	350 - 380	BABT8771-06/01
Monocrystalline	LR6-72HBD-xxxM	360 - 395	BABT8771-07/01
Monocrystalline	LR6-60HBD-xxxM	300 - 325	BABT8771-08/01
Monocrystalline	LR4-72HBD-xxxM	415 - 455	BABT8771-09/02
Monocrystalline	LR4-60HBD-xxxM	345 - 375	BABT8771-10/02
Monocrystalline	LR6-60PB-xxxM	295 - 315	BABT8771-11/00
Monocrystalline	LR5-72HPH-xxxM	525 - 575	BABT8771-12/00
Monocrystalline	LR5-66HPH-xxxM	480 - 530	BABT8771-13/00
Monocrystalline	LR5-72HBD-xxxM	500 - 565	BABT8771-14/00

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Product Type	Product Name <small>Note 1</small>	Power Range (W) <small>Note 2</small>	Certification Number
Monocrystalline	LR5-66HBD-xxxM	475 - 515	BABT8771-15/00
Monocrystalline	LR4-66HPH-xxxM	405 - 425	BABT8771-16/00
Monocrystalline	LR4-60HIB-xxxM	335 - 370	BABT8771-17/00
Monocrystalline	LR4-60HIH-xxxM	350 - 380	BABT8771-18/00
Monocrystalline	LR4-66HIH-xxxM	395 - 425	BABT8771-19/00
Monocrystalline	LR4-72HIH-xxxM	420 - 465	BABT8771-20/00
Monocrystalline	LR5-72HIH-xxxM	525 - 575	BABT8771-21/00
Monocrystalline	LR5-66HIH-xxxM	480 - 530	BABT8771-22/00
Monocrystalline	LR4-60HIBD-xxxM	345 - 375	BABT8771-23/00
Monocrystalline	LR4-72HIBD-xxxM	415 - 450	BABT8771-24/00
Monocrystalline	LR5-72HIBD-xxxM	500 - 565	BABT8771-25/00
Monocrystalline	LR5-66HIBD-xxxM	475 - 515	BABT8771-26/00
Monocrystalline	LR4-60HTH-xxxM	380 - 400	BABT8771-27/00
Monocrystalline	LR4-60HTB-xxxM	370 - 390	BABT8771-28/00
Monocrystalline	LR5-54HIB-xxxM	390 - 425	BABT8771-29/00
Monocrystalline	LR5-54HPB-xxxM	390 - 425	BABT8771-30/00
Monocrystalline	LR5-54HIH-xxxM	395 - 435	BABT8771-31/00
Monocrystalline	LR5-54HPH-xxxM	395 - 435	BABT8771-32/00
Monocrystalline	LR5-54HTH-xxxM	405 - 450	BABT8771-33/00
Monocrystalline	LR5-54HTB-xxxM	400 - 440	BABT8771-34/00
Monocrystalline	LR5-72HTH-xxxM	540 - 600	BABT8771-35/00
Monocrystalline	LR5-72HTD-xxxM	550 - 600	BABT8771-36/00
Monocrystalline	LR5-54HIBD-xxxM	390 - 425	BABT8771-37/00
Monocrystalline	LR5-54HIBB-xxxM	395 - 415	BABT8771-38/00
Monocrystalline	LR5-72HGD-xxxM	540 - 595	BABT8771-39/00
Monocrystalline	LR7-72HGD-xxxM	565 - 635	BABT8771-40/00
Monocrystalline	LR5-66HTH-xxxM	495 - 550	BABT8771-41/00
Monocrystalline	LR5-54HTD-xxxM	415 - 450	BABT8771-42/00
Monocrystalline	LR5-72HTHF-xxxM	540 - 600	BABT8771-43/00
Monocrystalline	LR7-72HTH-xxxM	590 - 635	BABT8771-44/00
Monocrystalline	LR7-54HTH-xxxM	445 - 475	BABT8771-45/00
Monocrystalline	LR5-54HTDB-xxxM	395 - 430	BABT8771-46/00
Monocrystalline	LR5-72HTDR-xxxM	550 - 600	BABT8771-47/00
Monocrystalline	LR7-60HTH-xxxM	495 - 525	BABT8771-48/00
Monocrystalline	LR7-72HTHF-xxxM	590 - 635	BABT8771-49/00
Monocrystalline	LR7-54HTHF-xxxM	445 - 475	BABT8771-50/00
Monocrystalline	LR7-72HYD-xxxM	625 - 660	BABT8771-51/00

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Product Type	Product Name <sup>Note 1</sup>	Power Range (W) <sup>Note 2</sup>	Certification Number
Monocrystalline	LGi5-60HTBB-xxxM	460 - 475	BABT8771-52/00
Monocrystalline	LR7-60HTB-xxxM	495 - 545	BABT8771-53/00
Monocrystalline	LR7-54HTB-xxxM	450 - 485	BABT8771-54/00
Monocrystalline	LR7-72HVB-xxxM	620 - 665	BABT8771-55/00
Monocrystalline	LR7-54HVB-xxxM	460 - 500	BABT8771-56/00
Monocrystalline	LR7-72HVD-xxxM	625 - 660	BABT8771-57/00

Note 1: where xxx = rated output power in W @ STC

Note 2: in steps of 5 W

## 5 Additional Information

All products within the scope of this certification shall be listed on the MCS Installations Database for the duration of this certificates validity. The database shall contain an entry for each individual power rating for the certified product, where the power rating shall be suffixed to the certificate number as listed on this certificate.

## 6 Conditions of Validity

This certificate authorizes the manufacturer or their authorized representative to apply the MCS Approved Product Mark to the range of products listed within this certification in accordance with the MCS Manufacturers / Distributors agreement dated **17th January 2020**.

This certificate ceases to be valid if the manufacturer makes any changes or modifications to the approved equipment or the approved quality system, which have not been notified to, and agreed with TUV SUD BABT UNLIMITED or a person appointed by TUV SUD BABT UNLIMITED to perform that role.

The manufacturer must immediately cease affixing the MCS Approved Product Mark on any product subject to expiry, withdrawal or suspension of this certification.

Signature: M. Bower

Date: 2025-02-27

Print Name: Michael Bower

On behalf of TUV SUD BABT UNLIMITED