



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 BAPT UNLIMITED

Certificate Number: BAPT 17012 R0

Valid from: 28 January 2026

This Certificate expires on: 27 January 2029



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 BAPT@tuvsud.com

TUV SUD BAPT 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

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2 Established Conformity

2.1 Product Certification Scheme Requirements

Microgeneration Certification Scheme	Revision	Applicability
MCS 005 – Solar Photovoltaic Modules	Issue 4.0	☒
MCS 010 – Factory Production Control Requirements	Issue 2.0	☒
MCS 012 – Pitched Roof Installation Kits	Issue N/A	☐
MCS 017 – Bespoke Building Integrated Photovoltaic Products	Issue N/A	☐

2.2 Assessment Report

Assessment Report Number	Issue Number	Issue Date
BABT 17012 R0	1	2026-1-26

3 Technical Documentation

3.1 User Guide

PV Module Installation Manual LGiLE-T-PRD-013-18 Version V32	Modified	2025-11-22
LGi5-60HTBB/460-475M Module Install Guide Version: V01	Modified	2024-11-15
Installation Manual for LONGi Solar PV Modules (Light Design Module) V2.0	Modified	2025-08-26
202508		

3.2 Test Reports

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
CN23DWS9 014	Issued	2024-12-27
CN23DWS9 015	Issued	2025-01-21
CN23DWS9 016	Issued	2025-02-20
CN23DWS9 017	Issued	2025-02-25
CN23DWS9 018	Issued	2025-03-06
CN23DWS9 019	Issued	2025-03-24
CN23DWS9 020	Issued	2025-03-27
CN23DWS9 021	Issued	2025-04-01
CN23DWS9 022	Issued	2025-04-03
CN23DWS9 024	Issued	2025-05-07
CN23DWS9 025	Issued	2025-05-09
CN23DWS9 026	Issued	2025-05-19

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CN23DWS9 027	Issued	2025-05-19
CN23DWS9 028	Issued	2025-06-18
CN23DWS9 029	Issued	2025-07-17
CN23DWS9 030	Issued	2025-07-29
CN23DWS9 031	Issued	2025-09-12
CN23DWS9 032	Issued	2025-10-08
CN23DWS9 033	Issued	2025-10-22
CN23DWS9 034	Issued	2025-10-30
CN23DWS9 035	Issued	2025-11-13
CN23DWS9 036	Issued	2025-11-14
CN23DWS9 037	Issued	2025-11-21
CN24AT9B 001	Issued	2024-03-20
CN24AT9B 002	Issued	2024-04-23
CN24AT9B 003	Issued	2024-06-06
CN24AT9B 004	Issued	2024-08-09
CN24AT9B 005	Issued	2024-09-24
CN24AT9B 006	Issued	2024-10-15
CN24AT9B 007	Issued	2024-11-01
CN24AT9B 008	Issued	2024-12-01
CN24AT9B 009	Issued	2024-12-04
CN24AT9B 010	Issued	2025-01-23
CN24AT9B 011	Issued	2025-02-18
CN24AT9B 012	Issued	2025-02-25
CN24AT9B 013	Issued	2025-02-27
CN24AT9B 014	Issued	2025-05-27
CN24AT9B 015	Issued	2025-07-01
CN24AT9B 016	Issued	2025-07-02
CN24AT9B 017	Issued	2025-07-11
CN24AT9B 018	Issued	2025-07-16
CN24AT9B 019	Issued	2025-09-10
CN24AT9B 020	Issued	2025-09-11
CN24AT9B 021	Issued	2025-09-30
CN24AT9B 022	Issued	2025-11-26
CN24AT9B 023	Issued	2025-11-27
704062401208-00	Issued	2023-12-01
704062401208-01	Issued	2024-05-31
704062401208-02	Issued	2024-07-16
704062401208-03	Issued	2024-08-05
704062401208-04	Issued	2024-09-30
704062401208-04A1	Issued	2024-11-18
704062401208-04A2	Issued	2024-11-24
704062401208-05	Issued	2024-12-03
704062401208-06	Issued	2025-01-14
704062401208-06A1	Issued	2025-01-19
704062401208-06A2	Issued	2025-03-05
704062401208-06A3	Issued	2025-03-08
704062401208-06A4	Issued	2025-04-08
704062401208-06A5	Issued	2025-04-08
704062401208-06A6	Issued	2025-04-10
704062401208-06A7	Issued	2025-04-22
704062401208-07	Issued	2025-04-23
704062401208-08	Issued	2025-06-04
704062401208-09	Issued	2025-06-26
704062401208-09A1	Issued	2025-07-21
704062401208-10	Issued	2025-08-06
704062401208-10A1	Issued	2025-08-12
704062401208-10A2	Issued	2025-08-25
704062401208-10A3	Issued	2025-09-15
704062401208-10A4	Issued	2025-09-17

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704062401208-10A5
704062401208-10A6
704062401208-11
704062401208-12
704062401243-00
704062401243-01
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704062401243-04
704062401243-05
704062401243-06
704062401243-07

Issued 2025-09-19
Issued 2025-09-19
Issued 2025-10-18
Issued 2025-11-30
Issued 2024-04-09
Issued 2024-05-29
Issued 2024-08-15
Issued 2024-10-23
Issued 2025-03-24
Issued 2025-06-27
Issued 2025-08-06
Issued 2025-10-29

4 Products Within Scope of Certification

4.1 MCS 005: Solar Photovoltaic Modules

Product Type	Product Name Note 1	Power Range (W) Note 2	Certification Number
Monocrystalline	LR5-72HPH-xxxM	525 - 575	BABT17012-1001
Monocrystalline	LR5-66HPH-xxxM	480 - 530	BABT17012-1002
Monocrystalline	LR5-72HBD-xxxM	500 - 565	BABT17012-1003
Monocrystalline	LR5-66HBD-xxxM	475 - 515	BABT17012-1004
Monocrystalline	LR5-72HIH-xxxM	525 - 575	BABT17012-1005
Monocrystalline	LR5-66HIH-xxxM	480 - 530	BABT17012-1006
Monocrystalline	LR5-72HIBD-xxxM	500 - 565	BABT17012-1007
Monocrystalline	LR5-66HIBD-xxxM	475 - 515	BABT17012-1008
Monocrystalline	LR5-54HPB-xxxM	380 - 420	BABT17012-1009
Monocrystalline	LR5-54HIH-xxxM	400 - 435	BABT17012-1010
Monocrystalline	LR5-54HPH-xxxM	400 - 435	BABT17012-1011
Monocrystalline	LR5-54HTH-xxxM	405 - 450	BABT17012-1012
Monocrystalline	LR5-54HTB-xxxM	405 - 445	BABT17012-1013
Monocrystalline	LR5-72HTH-xxxM	540 - 610	BABT17012-1014
Monocrystalline	LR5-72HTD-xxxM	550 - 600	BABT17012-1015
Monocrystalline	LR5-54HIBD-xxxM	390 - 425	BABT17012-1016
Monocrystalline	LR5-54HIBB-xxxM	395 - 415	BABT17012-1017
Monocrystalline	LR5-72HGD-xxxM	540 - 595	BABT17012-1018
Monocrystalline	LR7-72HGD-xxxM	565 - 635	BABT17012-1019
Monocrystalline	LR5-66HTH-xxxM	490 - 550	BABT17012-1020
Monocrystalline	LR5-54HTD-xxxM	415 - 450	BABT17012-1021
Monocrystalline	LR5-72HTHF-xxxM	540 - 610	BABT17012-1022
Monocrystalline	LR7-72HTH-xxxM	590 - 655	BABT17012-1023
Monocrystalline	LR7-54HTH-xxxM	445 - 475	BABT17012-1024
Monocrystalline	LR5-72HTDR-xxxM	550 - 600	BABT17012-1025
Monocrystalline	LR7-60HTH-xxxM	495 - 525	BABT17012-1026

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Product Type	Product Name ^{Note 1}	Power Range (W) ^{Note 2}	Certification Number
Monocrystalline	LR7-72HTHF-xxxM	590 - 655	BABT17012-1027
Monocrystalline	LR7-54HTHF-xxxM	445 - 475	BABT17012-1028
Monocrystalline	LR7-72HYD-xxxM	625 - 660	BABT17012-1029
Monocrystalline	LGi5-60HTBB-xxxM	460 - 475	BABT17012-1030
Monocrystalline	LR7-60HTB-xxxM	495 - 545	BABT17012-1031
Monocrystalline	LR7-54HTB-xxxM	450 - 485	BABT17012-1032
Monocrystalline	LR7-72HVV-xxxM	620 - 665	BABT17012-1033
Monocrystalline	LR7-54HVV-xxxM	460 - 500	BABT17012-1034
Monocrystalline	LR7-72HVD-xxxM	610 - 670	BABT17012-1035
Monocrystalline	LR8-66HGD-xxxM	595 - 645	BABT17012-1036
Monocrystalline	LR8-66HYD-xxxM	625 - 670	BABT17012-1037
Monocrystalline	LR7-54HVB-xxxM	440 - 500	BABT17012-1038
Monocrystalline	LR7-60HVV-xxxM	520 - 560	BABT17012-1039
Monocrystalline	LR7-54HVD-xxxM	455 - 500	BABT17012-1040
Monocrystalline	LR7-60HVD-xxxM	520 - 550	BABT17012-1041
Monocrystalline	LR7-54HVBB-xxxM	460 - 495	BABT17012-1042
Monocrystalline	LR7-54HJBB-xxxM	480 - 510	BABT17012-1043
Monocrystalline	LR7-54HJD-xxxM	485 - 515	BABT17012-1044
Monocrystalline	LR8-66HVD-xxxM	600 - 670	BABT17012-1045
Monocrystalline	LR7-60HVHL-xxxM	520 - 560	BABT17012-1046
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.

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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: _____ 28-01-2026

Print Name: Michael Bower

On behalf of TUV SUD BABT UNLIMITED