



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 TÜV SÜD B A B T UNLIMITED

Certificate Number: B A B T 8771 R09

Valid from: 10 October 2022

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 and Certification 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

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



1 Manufacturing Location

Facility 1	Facility 2	Facility 3
LONGi Solar Technology (Chuzhou) Co., Ltd. No.19 Huai'an Road, Nanqiao District, Chuzhou City, Anhui Province, 23900, P.R. China	LONGi Solar Technology (Xianyang) Co., Ltd. No.120 Wenxing West Road, Qindu District, Xianyang City, Shaanxi Province, 712000, P.R. China	LONGi Solar Technology (Jiangsu) Co., Ltd. No.288 Yaojia Road, Jiulong Town, Hailing District, Taizhou City, Jiangsu Province, 225300, P.R. China

Facility 4	Facility 5	Facility 6
LONGi Solar Technology (Xi'an) Co., Ltd. Zaoxin Road, Weiqu District, Xi'an City, Shaanxi Province, 710100, P.R.China	LONGi Solar Technology (Taizhou) Co., Ltd. No.8 Kanghe Road, Hailing Industrial Park, Taizhou City, Jiangsu Province, 225300, P.R.China	LONGi Solar Technology (Jiaxing) Co., Ltd. No.130 Ruifeng Street, Gaozhao Subdistrict, Xiuzhou District, Jiaxing City, Zhejiang Province, 314000, P.R.China

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 R09	1	2022-10-07

3 Technical Documentation

3.1 User Guide

Installation Manual for LONGi Solar PV Modules V15

Modified

2022-07-06

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



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
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
704061700509-07	Issued	2019-07-09
704061700509-08	Issued	2019-10-22
704061700509-09	Issued	2019-11-25
704061700509-10	Issued	2020-03-09
704061700509-11	Issued	2020-04-15
704061700509-12	Issued	2020-07-01
704061700509-13	Issued	2020-07-22
704061700509-13A1	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
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
704061700516-21A1	Issued	2022-07-05
704061802022-04	Issued	2019-07-10
704061802022-05	Issued	2019-11-25
704061802022-12	Issued	2022-03-16

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	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

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



Product Type	Product Name ^{Note 1}	Power Range (W) ^{Note 2}	Certification Number
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
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 - 410	BABT8771-29/00
Monocrystalline	LR5-54HPB-xxxM	390 - 410	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	420 - 450	BABT8771-33/00
Monocrystalline	LR5-54HTB-xxxM	410 - 440	BABT8771-34/00
Monocrystalline	LR5-72HTH-xxxM	555 - 600	BABT8771-35/00
Monocrystalline	LR5-72HTD-xxxM	550 - 600	BABT8771-36/00

Note 1: where xxx = output power rating in W
Note 2: in steps of 5 W

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



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: _____ 	Date: _____ 2022-10-10
Print Name: Stephen Milliken	
On behalf of TUV SUD BABT UNLIMITED	