



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 8771 R13

Valid from: 15 April 2024

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 BAPT@tuvsud.com

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 |

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"/> |

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



2.2 Assessment Report

| Assessment Report Number | Issue Number | Issue Date |
|--------------------------|--------------|------------|
| BABT 8771 R13 | 1 | 2024-04-10 |

3 Technical Documentation

3.1 User Guide

Installation Manual for LONGi Solar PV Modules V23 Modified 2023-10-30

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 |
| 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 |
| 704061700509-22 | Issued | 2022-08-01 |
| 704061700509-23 | Issued | 2022-11-08 |
| 704061700509-24 | Issued | 2022-11-24 |
| 704061700509-25 | Issued | 2022-12-31 |
| 704061700509-26A4 | Issued | 2023-04-12 |
| 704061700509-27 | Issued | 2023-03-16 |
| 704061700509-28 | Issued | 2023-05-18 |

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



| | | |
|-------------------|--------|------------|
| 704061700509-29 | Issued | 2023-10-16 |
| 704061700509-30 | Issued | 2023-11-06 |
| 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 |
| 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 |
| 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 <small>Note 1</small> | Power Range (W) <small>Note 2</small> | 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 |
| Monocrystalline | LR5-66HBD-xxxM | 475 - 515 | BABT8771-15/00 |

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| Product Type | Product Name ^{Note 1} | Power Range (W) ^{Note 2} | Certification Number |
|-----------------|--------------------------------|-----------------------------------|----------------------|
| 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 - 590 | BABT8771-39/00 |
| Monocrystalline | LR7-72HGD-xxxM | 585 - 615 | BABT8771-40/00 |
| Monocrystalline | LR5-66HTH-xxxM | 495 - 550 | BABT8771-41/00 |
| Monocrystalline | LR5-54HTD-xxxM | 415 - 450 | BABT8771-42/00 |

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: _____

Date: _____ 2024-04-15

Print Name: Stephen Milliken

On behalf of TUV SUD BABT UNLIMITED