



Certificate of Factory Production Control

This certificate has been issued to

Jinko Solar Co., Ltd.

of

No.1, Yingbin Road
Economic Development Zone
Shangrao City
Jiangxi Province
334100
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: BAPT 8801 R4

Valid from: 06 December 2023

This Certificate expires on:

23 May 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 BAPT@tuvsud.com

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



1 Manufacturing Location

Facility 1	Facility 2	Facility 3
Jinko Solar Co., Ltd. No.1, Jinko Road Shangrao Economic Development Zone Jiangxi Province 334100 P.R.China	Jinko Solar (Shangrao) Co., Ltd. No.1, Yingbin Road Economic Development Zone Shangrao City Jiangxi Province 334100 P.R.China	Jinko Solar (Yiwu) Co., Ltd. No.1555, Chengxin Road Niansanli Street Yiwu City Zhejiang Province 322014 P.R.China

Facility 4	Facility 5	Facility 6
Jinko Solar (Chuzhou) Co., Ltd. No.18, Liming Road Lai'an Economic Development Zone Chuzhou City Anhui Province 239200 P.R.China	Zhejiang Jinko Solar Co., Ltd. No.58, Yuanxi Road Yuanhua Town Haining City Jiaxing City Zhejiang Province 314416 P.R.China	Yuhuan Jinko Solar Co., Ltd. No.5, Jinghai Road Economic Development Zone Yuhuan City Zhejiang Province 317600 P.R.China

Facility 7	Facility 8	Facility 9
Jinko Solar Technology Sdn. Bhd. Lot 393, Ladang Valdor Kawasan Perindustrian Valdor Sungai Jawi Pulau Pinang 14200 Malaysia	Jinko Solar Technology Sdn. Bhd. No.1412, Lorong Perusahaan 1 Kawasan Perusahaan Perai Perai Pulau Pinang 13600 Malaysia	Jinko Solar Technology Sdn. Bhd 2480, Tingkat Perusahaan Enam Perai Free Trade Zone Perai Penang 13600 Malaysia

Facility 10	Facility 11	Facility 12
Jinko Solar Technology Sdn. Bhd. Lot 10085, Plot C & D Jalan Perusahaan, Mukim 1 Seberang Perai Tengah Perai Penang 13600 Malaysia	Jinko Solar Technology Sdn. Bhd. Plot 538, Tingkat Perusahaan 4B Perai Free Trade Zone Perai Penang 13600 Malaysia	Jinko Solar (Haining) Co., Ltd. No.199, Xinyue Road Huangwan Town Haining City Zhejiang Province 314415 P.R.China

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



Facility 13	Facility 14	Facility 15
<p>Viet Nam Green Energy Commercial Services Co., Ltd. Lot D1-1, Dai Dong- Hoan Son Industrial Park Hoan Son Commune Tien Du District Bac Ninh Province 999100 Vietnam</p>	<p>HT Solar Vietnam Limited Company Factory F3-1 and F3-2 Lot F3, Trang Due Industrial Park a part of Dinh Vu-Cat Hai Economic Zone Hong Phong Commune An Duong District Hai Phong City 180000 Vietnam</p>	<p>Jiangsu Focus Solar Energy Technology Co., Ltd. No.66, Lifa Avenue Development Zone Hai'an County Nantong City Jiangsu Province 226600 P.R.China</p>

Facility 16	Facility 17	Facility 18
<p>LDK Solar Hi-Tech (Nanchang) Co., Ltd. No.1699, Tianxiang Road Hi-Tech Industrial Development Zone Nanchang Jiangxi Province 330096 P.R.China</p>	<p>Jinko Solar (Feidong) Co., Ltd. No.1, southwest corner of the intersection of Longxing Avenue and Shichi Road Hefei Circular Economy Demonstration Park Feidong County Hefei City Anhui Province 231600 P.R.China</p>	<p>Jinko Solar (Vietnam) Industries Company Limited CN-XL-6 11-Song Khoai Industrial Park Song Khoai Commune Quang Yen City Quang Ninh Province 02200 Vietnam</p>

Facility 19	Facility 20	Facility 21
<p>Jinko PV (Shangrao Guangxin) Co., Ltd. No.18, Jianxing Road Chating Economic Development Zone Guangxin District Shangrao City Jiangxi Province 334000 P.R.China</p>	<p>Shangrao Jinko Photovoltaic Manufacturing Co., Ltd. Room 2-1, Office Building 1-1, South of Development Road West of Jinko Redouble Increasing Area Shangrao Economic Development Zone Shangrao City Jiangxi Province 334100 P.R.China</p>	<p>N/A</p>

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 8801 R4	1	30-11-2023

3 Technical Documentation

3.1 User Guide

Single Glass Module Installation Manual	Modified	15/02/2023
Dual Glass Installation Manual	Modified	15/02/2023
Installation Manual for Photovoltaic Module Version 23.11.06	Modified	06/11/2023

3.2 Test Reports

50087436 001	Issued	08/11/2017
50087436 002	Issued	08/03/2018
50087436 003	Issued	20/04/2018
50087436 004	Issued	11/06/2018
50087436 005	Issued	14/09/2018
50087436 006	Issued	28/09/2018
50087436 007	Issued	25/01/2019
50087436 008	Issued	27/05/2019
50087436 009	Issued	04/07/2019
50087436 010	Issued	03/09/2019
50087436 011	Issued	16/10/2019
50087436 012	Issued	10/12/2019
50087436 014	Issued	20/01/2020
50087436 015	Issued	17/01/2020
50087436 016	Issued	21/01/2020
50087436 017	Issued	02/03/2020
50087436 019	Issued	03/04/2020
50087436 020	Issued	16/04/2020
50087436 021	Issued	17/06/2020
50087436 022	Issued	15/07/2020
50087436 023	Issued	20/08/2020
50087436 025	Issued	28/09/2020
50087436 028	Issued	16/12/2020
50087436 029	Issued	30/12/2020

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



50087436 031	Issued	22/03/2021
50087436 033	Issued	28/05/2021
50087436 035	Issued	29/06/2021
50087436 036	Issued	27/07/2021
50087436 038	Issued	26/09/2021
50087436 041	Issued	26/10/2021
50087436 042	Issued	15/11/2021
50087436 045	Issued	15/12/2021
50087436 046	Issued	29/12/2021
50173415 001	Issued	14/09/2018
50173415 002	Issued	27/09/2018
50173415 003	Issued	25/01/2019
50173415 004	Issued	04/03/2019
50173415 005	Issued	11/06/2019
50173415 006	Issued	18/07/2019
50173415 007	Issued	18/07/2019
50173415 008	Issued	02/09/2019
50173415 009	Issued	03/09/2019
50173415 010	Issued	27/09/2019
50173415 011	Issued	10/10/2019
50173415 012	Issued	03/12/2019
50173415 014	Issued	31/12/2019
50173415 016	Issued	17/01/2020
50173415 017	Issued	14/02/2020
50173415 018	Issued	08/04/2020
50173415 021	Issued	06/05/2020
50173415 022	Issued	04/06/2020
50173415 023	Issued	11/06/2020
50173415 024	Issued	30/06/2020
50173415 025	Issued	13/07/2020
50173415 026	Issued	19/08/2020
50173415 029	Issued	11/09/2020
50173415 032	Issued	02/12/2020
50173415 034	Issued	29/12/2020
50173415 036	Issued	09/02/2021
50173415 037	Issued	16/03/2021
50173415 040	Issued	26/04/2021
50173415 043	Issued	22/06/2021
50173415 044	Issued	19/07/2021
50173415 046	Issued	09/09/2021
50173415 048	Issued	16/10/2021
50173415 049	Issued	11/11/2021
50173415 051	Issued	03/12/2021
50173415 053	Issued	23/12/2021
50173415 054	Issued	30/12/2021
50173415 056	Issued	30/01/2022
50289003 001	Issued	26/08/2019
50289003 002	Issued	04/10/2019
50289003 003	Issued	12/12/2019
50289003 005	Issued	12/03/2020
50289003 007	Issued	10/04/2020
50289003 008	Issued	24/06/2020
50289003 009	Issued	18/08/2020
50289003 011	Issued	11/09/2020
50289003 012	Issued	21/09/2020
50289003 014	Issued	03/11/2020
50289003 015	Issued	30/12/2020
50289003 017	Issued	09/02/2021
50289003 019	Issued	28/05/2021

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



50289003 021	Issued	05/07/2021
50289003 023	Issued	23/08/2021
50289003 024	Issued	08/10/2021
50289003 026	Issued	03/11/2021
50289003 027	Issued	15/11/2021
50289003 030	Issued	23/12/2021
704062217001-00	Issued	23/02/2022
704062217001-01	Issued	10/03/2022
704062217001-02	Issued	31/03/2022
704062217001-03	Issued	28/07/2022
704062217001-04	Issued	31/08/2022
704062217001-05	Issued	20/10/2022
704062217001-06	Issued	10/11/2022
704062217001-07	Issued	20/12/2022
704062217001-08	Issued	30/01/2023
704062217001-09	Issued	27/02/2023
704062217001-10	Issued	01/07/2023
704062217001-11	Issued	31/08/2023
704062217001-12	Issued	20/09/2023
704062217001-13	Issued	24/10/2023
704062217002-00	Issued	23/02/2022
704062217002-01	Issued	10/03/2022
704062217002-02	Issued	31/03/2022
704062217002-03	Issued	17/06/2022
704062217002-04	Issued	31/08/2022
704062217002-05	Issued	20/10/2022
704062217002-06	Issued	10/11/2022
704062217002-07	Issued	01/12/2022
704062217002-08	Issued	30/01/2023
704062217002-09	Issued	27/02/2023
704062217002-10	Issued	25/05/2023
704062217002-11	Issued	27/07/2023
704062217002-12	Issued	31/08/2023
704062217002-13	Issued	20/09/2023
704062217002-14	Issued	24/10/2023

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	JKMxxxN-60HL4-B-V	425 - 445	BABT8801-101
Monocrystalline	JKMxxxN-60HL4-V	405 - 510	BABT8801-102
Monocrystalline	JKMxxxN-60HL4-B	425 - 470	BABT8801-103
Monocrystalline	JKMxxxN-60HL4	405 - 510	BABT8801-104
Monocrystalline	JKMxxxM-60HL4-B-V	440 - 445	BABT8801-105
Monocrystalline	JKMxxxM-60HL4-V	400 - 485	BABT8801-106
Monocrystalline	JKMxxxM-60HL4-B	440 - 445	BABT8801-107
Monocrystalline	JKMxxxM-60HL4	455 - 470	BABT8801-108
Monocrystalline	JKMxxxM-60HL4-TV	400 - 455	BABT8801-109
Monocrystalline	JKMxxxM-60HL4	400 - 470	BABT8801-110
Monocrystalline	JKMxxxM-60HL4-BDVP	420 - 445	BABT8801-111

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



Product Type	Product Name ^{Note 1}	Power Range (W) ^{Note 2}	Certification Number
Monocrystalline	MMxxx-60HLD-MB	430 - 460	BABT8801-112
Monocrystalline	MMxxx-60HLD-MBV	430 - 460	BABT8801-113
Monocrystalline	JKMxxxN-54HL4-V	365 - 455	BABT8801-114
Monocrystalline	JKMxxxN-54HL4	365 - 455	BABT8801-115
Monocrystalline	JKMxxxN-54HL4-B-V	380 - 400	BABT8801-116
Monocrystalline	JKMxxxN-54HL4-B	380 - 450	BABT8801-117
Monocrystalline	JKMxxxM-54HL4-B-V	380 - 400	BABT8801-118
Monocrystalline	JKMxxxM-54HL4-V	360 - 430	BABT8801-119
Monocrystalline	JKMxxxM-54HL4-B	380 - 405	BABT8801-120
Monocrystalline	JKMxxxM-54HL4	360 - 420	BABT8801-121
Monocrystalline	MNxxx-54HLD-BBV	360 - 405	BABT8801-122
Monocrystalline	MNxxx-54HLD-MBV	365 - 415	BABT8801-123
Monocrystalline	MNxxx-54HLD-MB	365 - 415	BABT8801-124
Monocrystalline	MMxxx-54HLD-MBV	360 - 420	BABT8801-125
Monocrystalline	MMxxx-54HLD-MB	360 - 420	BABT8801-126
Monocrystalline	JKMxxxN-6TL3-B	320 - 385	BABT8801-127
Monocrystalline	JKMxxxN-6TL3	335 - 380	BABT8801-128
Monocrystalline	JKMxxxN-6TL3-V	335 - 390	BABT8801-129
Monocrystalline	JKMxxxN-6TL3-B-V	320 - 365	BABT8801-130
Monocrystalline	JKMxxxN-6RL3-V	360 - 420	BABT8801-131
Monocrystalline	JKMxxxN-6RL3-B-V	360 - 405	BABT8801-132
Monocrystalline	JKMxxxN-6RL3	360 - 420	BABT8801-133
Monocrystalline	JKMxxxN-6RL3-B	360 - 425	BABT8801-134
Monocrystalline	JKMxxxM-6TL3-B-V	345 - 365	BABT8801-135
Monocrystalline	JKMxxxM-6TL3-V	345 - 380	BABT8801-136
Monocrystalline	JKMxxxM-6TL3	345 - 380	BABT8801-137
Monocrystalline	JKMxxxM-6TL3-B	320 - 365	BABT8801-138
Monocrystalline	JKMxxxM-6RL3-B-V	360 - 405	BABT8801-139
Monocrystalline	JKMxxxM-6RL3-V	360 - 415	BABT8801-140
Monocrystalline	JKMxxxM-6RL3	360 - 415	BABT8801-141
Monocrystalline	JKMxxxM-6RL3-B	360 - 405	BABT8801-142
Monocrystalline	JKMxxxM-7RL3-TV	420 - 475	BABT8801-143
Monocrystalline	JKMxxxM-6RL3-TV	355 - 400	BABT8801-144
Monocrystalline	JKMxxxM-7RL3-V	430 - 495	BABT8801-145
Monocrystalline	JKMxxxM-60HLM	350 - 385	BABT8801-146
Monocrystalline	JKMxxxM-60HLM-V	350 - 385	BABT8801-147
Monocrystalline	JKMxxxM-60HLM-B	350 - 370	BABT8801-148

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



Product Type	Product Name ^{Note 1}	Power Range (W) ^{Note 2}	Certification Number
Monocrystalline	JKMxxxM-60H-MBB-TV	320 - 335	BABT8801-149
Monocrystalline	JKMxxxN-60H-MBB-TV	330 - 350	BABT8801-150
Monocrystalline	JKMxxxM-60H-TV	315 - 355	BABT8801-151
Monocrystalline	JKMSxxxM-60HB-V-MX3	270 - 340	BABT8801-152
Monocrystalline	JKMSxxxM-60H-V-MX3	270 - 340	BABT8801-153
Monocrystalline	JKMxxxN-60H-MBB-B-V	315 - 330	BABT8801-154
Monocrystalline	JKMxxxN-60H-MBB-V	320 - 350	BABT8801-155
Monocrystalline	JKMxxxM-60H-MBB-V	320 - 345	BABT8801-156
Monocrystalline	JKMxxxM-60HB-V	270 - 350	BABT8801-157
Monocrystalline	JKMxxxM-60H-V	270 - 350	BABT8801-158
Monocrystalline	JKMxxxM-66H-MBB	370 - 380	BABT8801-159
Monocrystalline	JKMxxxN-60H-MBB	320 - 350	BABT8801-160
Monocrystalline	JKMxxxM-60H-MBB	320 - 345	BABT8801-161
Monocrystalline	JKMSxxxM-60HB-MX3	270 - 340	BABT8801-162
Monocrystalline	JKMSxxxM-60H-MX3	270 - 340	BABT8801-163
Monocrystalline	JKMxxxM-60HB	270 - 350	BABT8801-164
Monocrystalline	JKMxxxM-60H	270 - 350	BABT8801-165
Monocrystalline	JKMxxxN-60H-MBB-B	315 - 330	BABT8801-166
Monocrystalline	JKMxxxM-78H-TV	405 - 455	BABT8801-167
Monocrystalline	JKMxxxM-66H-TV	340 - 385	BABT8801-168
Monocrystalline	JKMxxxM-78H-V	405 - 445	BABT8801-169
Monocrystalline	JKMxxxM-66H-V	340 - 375	BABT8801-170
Monocrystalline	JKMxxxM-72H-TV	380 - 415	BABT8801-171
Monocrystalline	JKMxxxM-72H-BDVP	390 - 410	BABT8801-172
Monocrystalline	JKMxxxM-72H-V	335 - 415	BABT8801-173
Monocrystalline	JKMxxxM-72H	335 - 420	BABT8801-174
Monocrystalline	JKMxxxM-60HL	275 - 335	BABT8801-175
Monocrystalline	JKMxxxM-72HB	335 - 385	BABT8801-176
Polycrystalline	JKMxxxPP-72H	330 - 350	BABT8801-177
Polycrystalline	JKMxxxPP-60HB-V	260 - 315	BABT8801-178
Polycrystalline	JKMxxxPP-60H-V	260 - 315	BABT8801-179
Polycrystalline	JKMxxxPP-60HB	275 - 315	BABT8801-180
Polycrystalline	JKMxxxPP-60H	275 - 315	BABT8801-181
Polycrystalline	JKMxxxPP-72H-V	330 - 350	BABT8801-182
Polycrystalline	JKMxxxPP-72HB	330 - 350	BABT8801-183
Monocrystalline	JKMxxxM-60B	270 - 335	BABT8801-184
Monocrystalline	JKMxxxM-60-V	270 - 340	BABT8801-185

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



Product Type	Product Name ^{Note 1}	Power Range (W) ^{Note 2}	Certification Number
Monocrystalline	JKMxxxM-60	270 - 340	BABT8801-186
Monocrystalline	JKMSxxxM-60B-MX3	270 - 340	BABT8801-187
Monocrystalline	JKMSxxxM-60-MX3	270 - 340	BABT8801-188
Monocrystalline	JKMxxxM-72-V	335 - 410	BABT8801-189
Monocrystalline	JKMxxxM-72	335 - 410	BABT8801-190
Monocrystalline	JKMxxxM-72B	335 - 385	BABT8801-191
Polycrystalline	JKMxxxPP-60B	260 - 290	BABT8801-192
Polycrystalline	JKMxxxPP-60	260 - 290	BABT8801-193
Polycrystalline	JKMxxxPP-72-V	320 - 350	BABT8801-194
Polycrystalline	JKMxxxPP-72B	320 - 350	BABT8801-195
Polycrystalline	JKMxxxPP-72	320 - 350	BABT8801-196
Polycrystalline	JKMxxxPP-60-V	260 - 290	BABT8801-197
Monocrystalline	JKMxxxN-72HL4	485 - 615	BABT8801-198
Monocrystalline	JKMxxxN-72HL4-V	485 - 615	BABT8801-199
Monocrystalline	JKMxxxN-72HL4-BDV	480 - 610	BABT8801-200
Monocrystalline	JKMxxxN-54HL4R-V	365 - 455	BABT8801-201
Monocrystalline	JKMxxxN-54HL4R	365 - 455	BABT8801-202
Monocrystalline	JKMxxxN-54HL4R-B	380 - 450	BABT8801-203
Monocrystalline	JKMxxxN-54HL4R-BDV	360 - 455	BABT8801-204
Monocrystalline	JKMxxxN-60HL4R-V	405 - 500	BABT8801-205
Monocrystalline	JKMxxxN-60HL4R	405 - 500	BABT8801-206
Monocrystalline	JKMxxxN-72HL4R-V	485 - 615	BABT8801-207
Monocrystalline	JKMxxxN-72HL4R-BDV	480 - 610	BABT8801-208
Monocrystalline	JKMxxxN-78HL4-V	570 - 650	BABT8801-209
Monocrystalline	JKMxxxN-78HL4-BDV	570 - 645	BABT8801-210
Monocrystalline	JKMxxxM-72HL4-V	475 - 585	BABT8801-211
Monocrystalline	JKMxxxM-72HL4-BDVP	500 - 575	BABT8801-212
Monocrystalline	JKMxxxN-78HL4	570 - 650	BABT8801-213
Monocrystalline	JKMxxxN-66HL4M-V	600 - 620	BABT8801-214
Monocrystalline	JKMxxxN-66HL4M	600 - 620	BABT8801-215

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

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 **21st March 2022**.

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: _____

A handwritten signature in black ink, appearing to read 'Stephen Milliken', is written over a horizontal line.

Date: _____ 2023-12-06 _____

Print Name: Stephen Milliken

On behalf of TUV SUD BABT UNLIMITED