



Certificate of Factory Production Control

This certificate has been issued to

Guangdong Lesso Banhao New Energy Technology Group Co., Ltd.

of

No. 01, Building 9, Lane 3, East of Dengdong Road
Longjiang Community, Longjiang Town
Shunde District
Foshan City
Guangdong Province
528318
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: 4

on behalf of TUV SUD BABT UNLIMITED

Certificate Number: BABT 8849 R0

Valid from: 21 April 2023 This Certificate expires on: 20 April 2026

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.

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



1 Manufacturing Location

Facility 1

Guangdong Lesso Banhao New Energy Technology Group Co., Ltd.

Plot A-2, South side of Longjiang Dachong

Beside Chanxi Avenue

Longjiang Town

Shunde District

Foshan City

Guangdong Province

528318

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	\boxtimes
MCS 010 – Factory Production Control Requirements	Issue 2.0	\boxtimes
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 8849 R0	1	12-04-2023

3 Technical Documentation

Installation and Maintenance Guide Version: Jan 2022 REVEN.1.0

3.1 User Guide

3.2 Test Reports 704062212901-00		
083-32212902-000 64.290.22.31041.01 64.290.22.31041.02 64.290.22.31041.03	Issued Issued Issued Issued	20/05/2022 18/07/2022 15/08/2022 15/10/2022 28/02/2023
64.290.22.31419.01	Issued	03/11/2022

Modified

01/02/2023

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Annex to Factory Production Control Requirement Microgeneration Certification Scheme



4 Products Within Scope of Certification

4.1 MCS 005: Solar Photovoltaic Modules

Product Name Note 1	Power Range (W) Note 2	Certification Number
xxxD(HPM)72(182)	520 - 550	BABT8849-101
xxxD(HPM)66(182)	480 – 505	BABT8849-102
xxxD(HPM)60(182)	435 – 460	BABT8849-103
xxxD(HPM)54(182)	390 – 415	BABT8849-104
xxxD(HPM)66(210)	640 – 670	BABT8849-105
xxxD(HPM)60(210)	580 – 605	BABT8849-106
xxxD(HPM)54(210)	520 – 545	BABT8849-107
xxxD(HBD)72(182)	530 – 555	BABT8849-108
xxxD(HBD)66(182)	485 – 510	BABT8849-109
xxxD(HBD)60(182)	440 – 465	BABT8849-110
xxxD(HBD)54(182)	395 – 420	BABT8849-111
xxxD(HBD)66(210)	640 – 670	BABT8849-112
xxxD(HBD)60(210)	580 – 610	BABT8849-113
xxxD(HBD)54(210)	520 - 550	BABT8849-114
	xxxD(HPM)72(182) xxxD(HPM)66(182) xxxD(HPM)60(182) xxxD(HPM)54(182) xxxD(HPM)66(210) xxxD(HPM)60(210) xxxD(HPM)54(210) xxxD(HBD)72(182) xxxD(HBD)66(182) xxxD(HBD)60(182) xxxD(HBD)54(182) xxxD(HBD)66(210) xxxD(HBD)66(210)	xxxD(HPM)72(182) 520 - 550 xxxD(HPM)66(182) 480 - 505 xxxD(HPM)60(182) 435 - 460 xxxD(HPM)54(182) 390 - 415 xxxD(HPM)66(210) 640 - 670 xxxD(HPM)60(210) 580 - 605 xxxD(HPM)54(210) 520 - 545 xxxD(HBD)72(182) 530 - 555 xxxD(HBD)66(182) 485 - 510 xxxD(HBD)60(182) 440 - 465 xxxD(HBD)54(182) 395 - 420 xxxD(HBD)66(210) 640 - 670 xxxD(HBD)60(210) 580 - 610

Note 1: where xxx = rated output power in W

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 April 2023.**

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:	2023-04-21
Print Name: Stephen Milliken		
On behalf of TUV SUD BABT UNLIMITED	D	

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