



## Certificate of Factory Production Control

This certificate has been issued to  
**Luxen Solar Energy Co., Ltd.**

of

No.22, North Guandu Road  
Wuzhong District  
Suzhou City  
Jiangsu Province  
215104  
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: BABT 8844 R0

Valid from: 31 March 2023

This Certificate expires on: 31 March 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.

For further details related to this certification please contact [BABT@tuvsud.com](mailto:BABT@tuvsud.com)

# Annex to Factory Production Control Requirement Microgeneration Certification Scheme



## 1 Manufacturing Location

Facility 1
Luxen Solar Energy Co., Ltd. No.1, Haiyue Road Suxitong Technologies & Industries Park Nantong City Jiangsu Province 226001 People's Republic of 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 8844 R0	1	22/03/2023

## 3 Technical Documentation

### 3.1 User Guide

Crystalline silicon PV modules Installation manual LN/QR-0407-2022      Dated      07/04/2022

### 3.2 Test Reports

704061807004-00	Issued	31/03/2019
704061807004-01	Issued	31/11/2019
704061807004-02	Issued	10/03/2020
704061807004-03	Issued	14/10/2020
704061807004-04	Issued	31/03/2021
704061807004-05	Issued	31/03/2022
704061807004-06	Issued	18/04/2022
704061807004-07	Issued	02/06/2022
704061807004-07A1	Issued	20/11/2022
704061807004-07A2	Issued	03/01/2023

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## 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	LNSF-xxxM	340 - 405	BABT8844-101
Monocrystalline	LNSE-xxxM	285 - 340	BABT8844-102
Monocrystalline	LNSD-xxxM	255 - 275	BABT8844-103
Monocrystalline	LNSC-xxxM	230 - 245	BABT8844-104
Monocrystalline	LNSA-xxxM	170 - 185	BABT8844-105
Monocrystalline	LNSU-xxxM	390 - 455	BABT8844-106
Monocrystalline	LNSK-xxxM	325 - 380	BABT8844-107
Monocrystalline	LNST-xxxM	385 - 415	BABT8844-108
Monocrystalline	LNVH-xxxM	550 - 605	BABT8844-109
Monocrystalline	LNVU-xxxM	510 - 555	BABT8844-110
Monocrystalline	LNVT-xxxM	470 - 510	BABT8844-111
Monocrystalline	LNVK-xxxM	425 - 465	BABT8844-112
Monocrystalline	LNVB-xxxM	390 - 415	BABT8844-113
Monocrystalline	LNET-xxxM	635 - 675	BABT8844-114
Monocrystalline	LNEK-xxxM	580 - 610	BABT8844-115

Note 1: where xxx = output power rating 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 **22nd March 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: <u>2023-03-31</u>
Print Name: Stephen Milliken	
On behalf of TUV SUD BABT UNLIMITED	