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Certificate of Factory Production Control

This certificate has been issued to

Suzhou Talesun Solar Technologies Co., Ltd.

of

No.1 Talesun Road
Shajiabang
Changshu
Suzhou
Jiangsu Province
215542
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 8783 R0

Valid from: 14 December 2020

This Certificate expires on: 13 December 2023



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@tuv-sud.co.uk

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



1 Manufacturing Location

Facility 1
Suzhou Talesun Solar Technologies Co., Ltd. No.1 Talesun Road Shajiang Changshu Suzhou Jiangsu Province 215542 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 8783 R0	1	02-12-2020

3 Technical Documentation

3.1 User Guide

Installation Manual (Bifacial module) for European TS-ET-131 Rev. A1	Modified	21/10/2020
Installation Manual for European TS-ET-115 Rev. A1	Modified	22/10/2020
Installation Manual for crystalline solar photovoltaic modules (Half Cell) Rev. A0	Modified	01/07/2020

3.2 Test Reports

704061707022-00	Issued	22/02/2018
704061707022-01	Issued	12/11/2018
704061707022-02	Issued	28/02/2019
704061707022-03	Issued	24/09/2019
704061707022-04	Issued	15/12/2019
704061707023-00	Issued	22/02/2018
704061707023-01	Issued	12/11/2018
704061707023-02	Issued	28/02/2019
704061707023-03	Issued	10/06/2019
704061707023-04	Issued	24/09/2019
704061707023-05	Issued	15/12/2019

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704061707023-06
704061707023-07
704061707023-08

Issued 22/04/2020
Issued 10/07/2020
Issued 22/09/2020

4 Products Within Scope of Certification

4.1 MCS 005: Solar Photovoltaic Modules

Product Type	Product Name ^{Note 1}	Power Range (W)	Certification Number
Monocrystalline	TP678M-xxx	400 to 415 in steps of 5	BABT8783-001
Monocrystalline	TP672M-xxx	325 to 395 in steps of 5	BABT8783-002
Monocrystalline	TP6H72M-xxx	365 to 415 in steps of 5	BABT8783-003
Monocrystalline	TP6F72M-xxx	385 to 415 in steps of 5	BABT8783-004
Monocrystalline	TP6G72M-xxx	390 to 420 in steps of 5	BABT8783-005
Monocrystalline	TP6L72M-xxx	435 to 455 in steps of 5	BABT8783-006
Monocrystalline	TP660M-xxx	270 to 330 in steps of 5	BABT8783-007
Monocrystalline	TP6H60M-xxx	305 to 345 in steps of 5	BABT8783-008
Monocrystalline	TP6F60M-xxx	320 to 345 in steps of 5	BABT8783-009
Monocrystalline	TP6G60M-xxx	325 to 350 in steps of 5	BABT8783-010
Monocrystalline	TP6L60M-xxx	360 to 380 in steps of 5	BABT8783-011
Monocrystalline	TP678M(H)-xxx	400 to 415 in steps of 5	BABT8783-012
Monocrystalline	TP672M(H)-xxx	325 to 395 in steps of 5	BABT8783-013
Monocrystalline	TP6H72M(H)-xxx	365 to 415 in steps of 5	BABT8783-014
Monocrystalline	TP6F72M(H)-xxx	385 to 415 in steps of 5	BABT8783-015
Monocrystalline	TP6G72M(H)-xxx	390 to 420 in steps of 5	BABT8783-016
Monocrystalline	TP6L72M(H)-xxx	435 to 455 in steps of 5	BABT8783-017
Monocrystalline	TP660M(H)-xxx	270 to 330 in steps of 5	BABT8783-018
Monocrystalline	TP6H60M(H)-xxx	305 to 345 in steps of 5	BABT8783-019
Monocrystalline	TP6F60M(H)-xxx	320 to 345 in steps of 5	BABT8783-020
Monocrystalline	TP6G60M(H)-xxx	325 to 350 in steps of 5	BABT8783-021
Monocrystalline	TP6L60M(H)-xxx	360 to 380 in steps of 5	BABT8783-022
Polycrystalline	TP672P-xxx	315 to 355 in steps of 5	BABT8783-023
Polycrystalline	TP6H72P-xxx	325 to 350 in steps of 5	BABT8783-024
Polycrystalline	TP660P-xxx	255 to 295 in steps of 5	BABT8783-025
Polycrystalline	TP6H60P-xxx	270 to 290 in steps of 5	BABT8783-026
Polycrystalline	TP672P(H)-xxx	315 to 355 in steps of 5	BABT8783-027
Polycrystalline	TP6H72P(H)-xxx	325 to 350 in steps of 5	BABT8783-028
Polycrystalline	TP660P(H)-xxx	255 to 295 in steps of 5	BABT8783-029
Polycrystalline	TP6H60P(H)-xxx	270 to 290 in steps of 5	BABT8783-030

Note 1: where xxx = power rating in 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 **25th November 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: _____ 2020-12-14 _____

Print Name: Stephen Milliken

On behalf of TUV SUD BABT UNLIMITED