



Certificate of Factory Production Control

This certificate has been issued to

Worldwide Energy and Manufacturing (Nantong) Co., Ltd.

of

No.88, Qifeng Road
 Rugao City
 Jiangsu Province
 226500
 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 8835 R0

Valid from: 13 January 2023

This Certificate expires on: 13 January 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

Annex to Factory Production Control Requirement Microgeneration Certification Scheme



1 Manufacturing Location

Facility 1
Worldwide Energy and Manufacturing (Nantong) Co., Ltd. No.88, Qifeng Road Rugao City Jiangsu Province 226500 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 8835 R0	1	05-01-2023

3 Technical Documentation

3.1 User Guide

Installation Manual For Amerisolar Single Glass PV Modules Version 1.0, 2022 Modified 30/12/2022

3.2 Test Reports

704061824101-00	Issued	03/01/2019
704061824101-01	Issued	03/01/2019
704061824101-02	Issued	21/10/2019
704061824101-03	Issued	23/09/2021
704061824102-00	Issued	24/12/2018
704061824102-01	Issued	05/03/2019
704061824102-01A1	Issued	07/02/2021

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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
Polycrystalline	AS-6P-xxxW	315 - 345	BABT8835-101
Polycrystalline	AS-6P30-xxxW	265 - 290	BABT8835-102
Polycrystalline	AS-6P27-xxxW	235 - 260	BABT8835-103
Polycrystalline	AS-6P24-xxxW	210 - 230	BABT8835-104
Polycrystalline	AS-6P21-xxxW	185 - 200	BABT8835-105
Polycrystalline	AS-6P18-xxxW	160 - 175	BABT8835-106
Monocrystalline	AS-6M-xxxW	325 - 390	BABT8835-107
Monocrystalline	AS-6M30-xxxW	275 - 325	BABT8835-108
Monocrystalline	AS-6M27-xxxW	245 - 290	BABT8835-109
Monocrystalline	AS-6M24-xxxW	220 - 260	BABT8835-110
Monocrystalline	AS-6M21-xxxW	190 - 225	BABT8835-111
Monocrystalline	AS-6M18-xxxW	165 - 195	BABT8835-112
Monocrystalline	AS-6M144-HC-xxxW	435 - 465	BABT8835-113
Monocrystalline	AS-6M132-HC-xxxW	400 - 425	BABT8835-114
Monocrystalline	AS-6M120-HC-xxxW	365 - 385	BABT8835-115
Monocrystalline	AS-6M108-HC-xxxW	330 - 345	BABT8835-116
Monocrystalline	AS-6M96-HC-xxxW	290 - 310	BABT8835-117
Monocrystalline	AS-7M144-HC-xxxW	530 - 555	BABT8835-118
Monocrystalline	AS-7M132-HC-xxxW	485 - 505	BABT8835-119
Monocrystalline	AS-7M120-HC-xxxW	445 - 460	BABT8835-120
Monocrystalline	AS-7M108-HC-xxxW	400 - 415	BABT8835-121
Monocrystalline	AS-7M96-HC-xxxW	355 - 370	BABT8835-122
Monocrystalline	AS-8M132-HC-xxxW	640 - 665	BABT8835-123
Monocrystalline	AS-8M120-HC-xxxW	585 - 605	BABT8835-124
Monocrystalline	AS-8M108-HC-xxxW	525 - 540	BABT8835-125
Monocrystalline	AS-8M96-HC-xxxW	465 - 480	BABT8835-126

Note 1: where xxx = output power rating in W
Note 2: in steps of 5 W

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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 **6th January 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: _____ 2023-01-13 _____

Print Name: Stephen Milliken

On behalf of TUV SUD BABT UNLIMITED