



Certificate of Factory Production Control

This certificate has been issued to

Anhui Huasun Energy Co., Ltd.

of

No. 99, Qingliu Road
Xuancheng Economic and Technological Development Zone
Xuanzhou District
Xuancheng City
Anhui Province
242000
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 B A B T UNLIMITED

Certificate Number: B A B T 8800 R0

Valid from: 25 March 2022

This Certificate expires on: 22 March 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 TUV SUD. 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
Anhui Huasun Energy Co., Ltd. No. 99, Qingliu Road, Xuancheng Economic and Technological Development Zone, Xuanzhou District, Xuancheng City, Anhui Province, 242000, 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 8800 R0	1	15-03-2022

3 Technical Documentation

3.1 User Guide

HJT PV Module Installation Manual Rev. 1.0 Modified 16/02/2022

3.2 Test Reports

704062035001-00	Dated	18/12/2021
704062035002-00	Dated	18/04/2021
704062035002-01	Dated	10/10/2021
704062035002-02	Dated	10/12/2021
704062035002-02A4	Dated	10/02/2022

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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
Monocrystalline	HS-B156DSxxx	490 to 520	BABT8800-101
Monocrystalline	HS-B144DSxxx	440 to 480	BABT8800-102
Monocrystalline	HS-B132DSxxx	405 to 440	BABT8800-103
Monocrystalline	HS-B120DSxxx	365 to 400	BABT8800-104
Monocrystalline	HS-B144DSNxxx	440 to 480	BABT8800-105
Monocrystalline	HS-B132DSNxxx	405 to 440	BABT8800-106
Monocrystalline	HS-B120DSNxxx	365 to 400	BABT8800-107
Monocrystalline	HS-B156DSBxxx	490 to 520	BABT8800-108
Monocrystalline	HS-B144DSBxxx	450 to 480	BABT8800-109
Monocrystalline	HS-B132DSBxxx	410 to 440	BABT8800-110
Monocrystalline	HS-B120DSBxxx	375 to 400	BABT8800-111
Monocrystalline	HS-B156DSNxxx	490 to 520	BABT8800-112
Monocrystalline	HS-B144DNxxx	440 to 480	BABT8800-113
Monocrystalline	HS-B132DNxxx	405 to 440	BABT8800-114
Monocrystalline	HS-B120DNxxx	365 to 400	BABT8800-115
Monocrystalline	HS-B144DNNxxx	440 to 480	BABT8800-116
Monocrystalline	HS-B132DNNxxx	405 to 440	BABT8800-117
Monocrystalline	HS-B120DNNxxx	365 to 400	BABT8800-118
Monocrystalline	HS-B96DNNxxx	295 to 320	BABT8800-119
Monocrystalline	HS-S156SSBxxx	490 to 520	BABT8800-120
Monocrystalline	HS-S144SSBxxx	450 to 480	BABT8800-121
Monocrystalline	HS-S132SSBxxx	410 to 440	BABT8800-122
Monocrystalline	HS-S120SSBxxx	375 to 400	BABT8800-123
Monocrystalline	HS-S156SSxxx	490 to 520	BABT8800-124
Monocrystalline	HS-S144SSxxx	450 to 480	BABT8800-125
Monocrystalline	HS-S132SSxxx	410 to 440	BABT8800-126
Monocrystalline	HS-S120SSxxx	375 to 400	BABT8800-127

Note 1: where xxx = rated output power 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 **15th 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: _____

Date: _____ 2022-03-25 _____

Print Name: (Stephen Milliken)

On behalf of TUV SUD BABT UNLIMITED