



## Certificate of Factory Production Control

This certificate has been issued to

**Zhejiang Sunpro Power Technology Co., Ltd.**

of

Qinggang Technological Ind. Zone  
Yuhuan  
Zhejiang Province  
317606  
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: BAPT 8863 R0

Valid from: 21 July 2023

This Certificate expires on:

20 July 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

Zhejiang Sunpro Power Technology Co., Ltd.  
Qinggang Technological Ind. Zone, Yuhuan, Zhejiang Province, 317606, 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 8863 R0	1	14-07-2023

## 3 Technical Documentation

### 3.1 User Guide

PV Modules Installation Manual SP-WI-JS-010	Modified	07/03/2023
PV Modules Installation Manual Bifacial double glass modules SP-WI-JS-010	Modified	31/03/2023

### 3.2 Test Reports

704062011501-00	Issued	24/12/2020
704062011501-01	Issued	23/08/2021
704062011501-02	Issued	30/11/2021
704062011501-03	Issued	12/10/2022
704062011501-04	Issued	04/04/2023
704062011501-05	Issued	15/05/2023
704062123501-00	Issued	02/06/2021
704062123501-01	Issued	01/09/2021
704062123501-02	Issued	01/04/2022
704062123501-03	Issued	04/06/2023
704062123501-04	Issued	15/05/2023
704062309501-00	Issued	21/04/2023
704062123505-00	Issued	25/10/2021
704062123505-01	Issued	08/08/2022
704062123505-02	Issued	06/04/2023
704062123505-03	Issued	21/04/2023

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## 4 Products Within Scope of Certification

### 4.1 MCS 005: Solar Photovoltaic Modules

Product Type	Product Name <sup>Note 1</sup>	Power Range (W) <sup>Note 2</sup>	Certification Number
Monocrystalline	SPxxx-72M	370 to 410	BABT8863-101
Monocrystalline	SPxxx-60M	305 to 340	BABT8863-102
Monocrystalline	SPxxx-54M	280 to 310	BABT8863-103
Monocrystalline	SPxxx-48M	245 to 270	BABT8863-104
Monocrystalline	SPxxx-36M	185 to 205	BABT8863-105
Monocrystalline	SPxxx-144MG	380 to 415	BABT8863-106
Monocrystalline	SPxxx-120MG	315 to 345	BABT8863-107
Monocrystalline	SPxxx-144M	410 to 460	BABT8863-108
Monocrystalline	SPxxx-120M	340 to 385	BABT8863-109
Monocrystalline	SPxxx-144M10	520 to 550	BABT8863-110
Monocrystalline	SPxxx-132M10	480 to 505	BABT8863-111
Monocrystalline	SPxxx-120M10	435 to 460	BABT8863-112
Monocrystalline	SPxxx-108M10	390 to 415	BABT8863-113
Monocrystalline	SPxxx-132M12	635 to 670	BABT8863-114
Monocrystalline	SPxxx-120M12	580 to 605	BABT8863-115
Monocrystalline	SPxxx-110M12	530 to 555	BABT8863-116
Monocrystalline	SPxxx-N144M10	545 to 585	BABT8863-117
Monocrystalline	SPxxx-N132M10	510 to 535	BABT8863-118
Monocrystalline	SPxxx-N120M10	455 to 490	BABT8863-119
Monocrystalline	SPxxx-N108M10	410 to 440	BABT8863-120
Monocrystalline	SPDGxxx-144M10	520 to 550	BABT8863-121
Monocrystalline	SPDGxxx-132M10	480 to 505	BABT8863-122
Monocrystalline	SPDGxxx-120M10	435 to 460	BABT8863-123
Monocrystalline	SPDGxxx-108M10	390 to 415	BABT8863-124
Monocrystalline	SPDGxxx-132M12	635 to 670	BABT8863-125
Monocrystalline	SPDGxxx-120M12	580 to 605	BABT8863-126
Monocrystalline	SPDGxxx-110M12	530 to 555	BABT8863-127
Monocrystalline	SPDGxxx-144M	410 to 460	BABT8863-128
Monocrystalline	SPDGxxx-120M	340 to 385	BABT8863-129
Monocrystalline	SPDGxxx-N144M10	545 to 580	BABT8863-130
Monocrystalline	SPDGxxx-N132M10	510 to 530	BABT8863-131
Monocrystalline	SPDGxxx-N120M10	455 to 480	BABT8863-132
Monocrystalline	SPDGxxx-N108M10	410 to 430	BABT8863-133
Monocrystalline	HSGxxx-72M	370 to 410	BABT8863-134

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Product Type	Product Name <sup>Note 1</sup>	Power Range (W) <sup>Note 2</sup>	Certification Number
Monocrystalline	HSGxxx-60M	305 to 340	BABT8863-135
Monocrystalline	HSGxxx-54M	280 to 310	BABT8863-136
Monocrystalline	HSGxxx-48M	245 to 270	BABT8863-137
Monocrystalline	HSGxxx-36M	185 to 205	BABT8863-138
Monocrystalline	HSGxxx-144MG	380 to 415	BABT8863-139
Monocrystalline	HSGxxx-120MG	315 to 345	BABT8863-140
Monocrystalline	HSGxxx-144M	410 to 460	BABT8863-141
Monocrystalline	HSGxxx-120M	340 to 385	BABT8863-142
Monocrystalline	HSGxxx-144M10	520 to 550	BABT8863-143
Monocrystalline	HSGxxx-132M10	480 to 505	BABT8863-144
Monocrystalline	HSGxxx-120M10	435 to 460	BABT8863-145
Monocrystalline	HSGxxx-108M10	390 to 415	BABT8863-146
Monocrystalline	HSGxxx-132M12	635 to 670	BABT8863-147
Monocrystalline	HSGxxx-120M12	580 to 605	BABT8863-148
Monocrystalline	HSGxxx-110M12	530 to 555	BABT8863-149
Monocrystalline	HSGxxx-N144M10	545 to 585	BABT8863-150
Monocrystalline	HSGxxx-N132M10	510 to 535	BABT8863-151
Monocrystalline	HSGxxx-N120M10	455 to 490	BABT8863-152
Monocrystalline	HSGxxx-N108M10	410 to 440	BABT8863-153
Monocrystalline	HSGDGxxx-144M10	520 to 550	BABT8863-154
Monocrystalline	HSGDGxxx-132M10	480 to 505	BABT8863-155
Monocrystalline	HSGDGxxx-120M10	435 to 460	BABT8863-156
Monocrystalline	HSGDGxxx-108M10	390 to 415	BABT8863-157
Monocrystalline	HSGDGxxx-132M12	635 to 670	BABT8863-158
Monocrystalline	HSGDGxxx-120M12	580 to 605	BABT8863-159
Monocrystalline	HSGDGxxx-110M12	530 to 555	BABT8863-160
Monocrystalline	HSGDGxxx-144M	410 to 460	BABT8863-161
Monocrystalline	HSGDGxxx-120M	340 to 385	BABT8863-162
Monocrystalline	HSGDGxxx-N144M10	545 to 580	BABT8863-163
Monocrystalline	HSGDGxxx-N132M10	510 to 530	BABT8863-164
Monocrystalline	HSGDGxxx-N120M10	455 to 480	BABT8863-165
Monocrystalline	HSGDGxxx-N108M10	410 to 430	BABT8863-166

Note 1: where xxx = rated output power in Wp @ STC

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 **5th July 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: \_\_\_\_\_

A handwritten signature in black ink, appearing to read 'Stephen Milliken', is written over a horizontal line.

Date: \_\_\_\_\_ 2023-07-21 \_\_\_\_\_

Print Name: Stephen Milliken

On behalf of TUV SUD BABT UNLIMITED