



Certificate of Factory Production Control

This certificate has been issued to

Worldwide Energy and Manufacturing USA Co. Ltd.,

of

**C1ROOM 1708 NANFUNG TOWER 173 DES VOEUX RDC
Hong Kong**

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 above address

and includes the following products:

AS-6M30-xxx	AS-5M48-xxx	AS-6P-xxx
AS-6M30-xxx Black	AS-5M48-xxx Black	AS-6P-xxx Black
AS-6M-xxx	AS-5M-xxx	AS-6P30-xxxx
AS-6M-xxx Black	AS-5M-xxx Black	AS-6P30-xxx Black
AS-6M27-xxx	AS-5M27-xxx	AS-6P27-xxx
AS-6M27-xxx Black	AS-5M27-xxx Black	AS-6P27-xxx Black
AS-6M24-xxx	AS-5M18-xxx	AS-6P24-xxx
AS-6M24-xxx Black	AS-5M18-xxx Black	AS-6P24-xxx Black
AS-6M18-xxx		AS-6P18-xxx
AS-6M18-xxx Black		AS-6P18-xxx Black

Ranges of Photovoltaic Solar Panels as detailed on the attached annex to this certificate

Signed:

on behalf of BABT

Certificate Number:

BABT 8765

Valid from:

08 October 2018

Valid until:

7 October 2021



The holder of this certificate is authorised to use the MCS Approved Product Mark. This certificate has been issued by BABT in accordance with the Certification Regulations of BABT. Conditions of validity of this certificate, if any, are listed in the Annex. This certificate is not transferable and remains the property of BABT at all times. This certificate constitutes page 1 of the combined Certificate and Annex.

Products within the Scope of this Certification (continued)


Product Category	Conditions
<p>6" PolyCrystalline White and Black Ranges:</p> <p>8765-19: AS-6P-xxx (xxx=270-345W in 5W steps); 8765-20: AS-6P-xxx Black (xxx=270-345W in 5W steps); 8765-21: AS-6P30-xxx (xxx=230-285W in 5W steps); 8765-22: AS-6P30-xxx Black (xxx=230-285W in 5W steps); 8765-23: AS-6P27-xxx (xxx=200-255W in 5W steps); 8765-24: AS-6P27-xxx Black (xxx=200-255W in 5W steps); 8765-25: AS-6P24-xxx (xxx=180-230W in 5W steps); 8765-26: AS-6P24-xxx Black (xxx=180-230W in 5W steps); 8765-27: AS-6P18-xxx (xxx=135-170W in 5W steps); 8765-28: AS-6P18-xxx Black (xxx=135-170W in 5W steps).</p>	<p>This certificate covers several families of Photovoltaic Solar Modules which may use 6" Polycrystalline cells.</p> <p>The products are manufactured using the similar processes and materials.</p>

Conditions:

This certificate authorizes the manufacturer or their authorized representative to apply the MCS Approved Product Mark to the range of products listed above in accordance with the MCS sub-licence agreement dated **17 September 2018**.

This certificate loses its validity if the manufacturer makes any changes or modifications to the product or the approved quality system, which have not been notified to, and agreed with BAPT.

The manufacturer must immediately cease affixing the MCS Approved Product Mark on any product subject to expiry, withdrawal or revocation of this certificate.

Signed:.....  on behalf of TÜV SÜD BAPT	Valid From: 08 October 2018
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Manufacturing Location:

No.8 East Industrial Zone,
Gushan, Jiangyin City,
Jiangsu Province, 214413,
People's Republic of China.

Standards used to establish conformity

MCS005 Issue 2.3 and MCS010 Issue 1.5 on the basis of BAPT Assessment Report BAPT 8765 dated: 10 September 2018 and subsequent information and test data supplied and accepted by BAPT.

Product Categories within the Scope of this Certification

Product Category	Conditions
Photovoltaic Panels	See below

Products within the Scope of this Certification

Product Category	Conditions
<p>6" MonoCrystalline White and Black Range:</p> <p>8765-01: AS-6M30-xxx (xxx = 240-310W in 5W steps); 8765-02: AS-6M30-xxx Black (xxx = 240-310W in 5W steps). 8765-03: AS-6M-xxx (xxx=280-375W in 5W steps); 8765-04: AS-6M-xxx Black (xxx=280-375W in 5W steps); 8765-05: AS-6M27-xxx (xxx=215-280W in 5W steps); 8765-06: AS-6M27-xxx Black (xxx=215-280W in 5W steps); 8765-07: AS-6M24-xxx (xxx=190-250W in 5W steps); 8765-08: AS-6M24-xxx Black (xxx=190-250W in 5W steps); 8765-09: AS-6M18-xxx (xxx=140-185W in 5W steps); 8765-10: AS-6M18-xxx Black (xxx=140-185W in 5W steps).</p> <p>5" MonoCrystalline White and Black Ranges:</p> <p>8765-11: AS-5M48-xxx (xxx=250-280W in 5W steps); 8765-12: AS-5M48-xxx Black (xxx=250-280W in 5W steps); 8765-13: AS-5M-xxx (xxx=180-210W in 5W steps); 8765-14: AS-5M-xxx Black (xxx=180-210W in 5W steps); 8765-15: AS-5M27-xxx (xxx=140-160W in 5W steps); 8765-16: AS-5M27-xxx Black (xxx=140-160W in 5W steps); 8765-17: AS-5M18-xxx (xxx=95-105W in 5W steps); 8765-18: AS-5M18-xxx Black (xxx=95-105W in 5W steps);</p>	<p>This certificate covers several families of Photovoltaic Solar Modules which may use either 5" or 6" Monocrystalline cells.</p> <p>The products are manufactured using the similar processes and materials.</p>