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Certificate of Factory Production Control

This certificate has been issued to

Risen Energy Co. Ltd.,

of

Xingke Road Meiqiao Industrial Park,
Ninghai, 315609, Ningbo, Zhejiang,
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 above address and includes the following products:

RSM36-6-xxxP	RSM60-6-xxxM	RSM144-6-xxxP
RSM54-6-xxxM	RSM60-6-xxxP	RSM144-6-xxxM
RSM54-6-xxxP	RSM72-6-xxxM	RSM120-6-xxxP
RSM72-6-xxxMDG	RSM72-6-xxxP	RSM120-6-xxxM
RSM60-6-xxxMDG	RSM72-6-xxxPDG	RSM60-6-xxxPDG
SYPxxxM	SYPxxxS	SYPxxxS-M
SYPxxxM	SYPxxxS	SYPxxxS-M
SYPxxxP	SYPxxxS-50M	SYP-xxxS-M
SYPxxxP	SYPxxxS-M	

and additional ranges of Photovoltaic Solar Panels as detailed on the
attached annex to this certificate

Signed:

on behalf of TUV SUD B A B T

Certificate Number:

BABT 8678 R4

Valid from:

05 September 2018

This Certificate expires on:

8 August 2019



The holder of this certificate is authorised to use the MCS Approved Product Mark. This certificate has been issued in accordance with the
Certification Regulations of TUV SUD B A B T. 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 Customer.Services@babt.com

Annex to Certificate Number BABT 8678 R4



Manufacturing Location:

Xingke Road Meiqiao Industrial Park,
Ninghai, 315609, Ningbo, Zhejiang,
People's Republic of China.

Standards used to establish conformity

MCS005 Issue 2.5 and MCS010 Issue 1.5 on the basis of BABT Assessment Report dated: 18th July 2014 and subsequent information and test data supplied and accepted by TUV SUD BABT.

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
5" MonoCrystalline Ranges: 36 cells: 8678-01/01: SYPxxxS-M (xxx = 85-95 in 5 Watt steps); 72 cells: 8678-02/00: SYPxxxS-M (xxx = 150-200 in 5 Watt steps); 72 cells: 8678-03/00: SYPxxxS-50M (xxx = 150-180 in 5 Watt steps); 8678-04/01: SYP-xxxS-M (xxx = 170-200 in 5 Watt steps); 96 cells: 8678-05/01: SYPxxxS-M (xxx = 220-265 in 5 Watt steps); 6" MonoCrystalline Ranges: 60 cells: 8678-06/02: SYPxxxM (xxx = 225-290 in 5 Watt steps); 72 cells: 8678-07/02: SYPxxxM (xxx = 275-350 in 5 Watt steps);	<p>This certificate covers several families of Photovoltaic Solar Modules which may use 5" or 6" Monocrystalline or 6" Polycrystalline cells. & double glass modules.</p> <p>The products are manufactured using the similar processes and materials.</p>

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Product Category (cont).	Conditions
6" PolyCrystalline Ranges: 54pcs: 8678-08/01: SYPxxxP (xxx = 190-245 in 5 Watt steps); 60pcs: 8678-10/02: SYPxxxP (xxx = 200-285 in 5 Watt steps); 72pcs: 8678-11/02: SYPxxxS (xxx = 250-345 in 5 Watt steps); 6" MonoCrystalline Ranges: 54 cells: 8678-12/00: RSM54-6-xxxM (xxx = 205-230 in 5 Watt steps); 60 cells: 8678-13/03: RSM60-6-xxxM (xxx = 275-305 in 5 Watt steps); 72 cells: 8678-14/02: RSM72-6-xxxM (xxx = 330-365 in 5 Watt steps); 120 cells: 8678-23/00: RSM120-6-xxxM (xxx = 295-320 in 5 Watt steps); 144 cells: 8678-24/00: RSM144-6-xxxM (xxx = 350-380 in 5 Watt steps); 6" PolyCrystalline Ranges: 36pcs: 8678-15/00: RSM36-6-xxxP (xxx = 135-155 in 5 Watt steps); 54pcs: 8678-16/00: RSM54-6-xxxP (xxx = 190-245 in 5 Watt steps); 60pcs: 8678-17/02: RSM60-6-xxxP (xxx = 260-295 in 5 Watt steps); 72pcs: 8678-18/02: RSM72-6-xxxP (xxx = 315-355 in 5 Watt steps); 120 cells: 8678-25/00: RSM120-6-xxxP (xxx = 275-305 in 5 Watt steps); 144 cells: 8678-26/00: RSM144-6-xxxP (xxx = 330-365 in 5 Watt steps);	<p>This certificate covers several families of Photovoltaic Solar Modules which may use 5" or 6" Monocrystalline or 6" Polycrystalline cells. & double glass modules.</p> <p>The products are manufactured using the similar processes and materials.</p>

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Product Category (cont).	Conditions
<p>MonoCrystalline Module - 54 cells: 8678-19/00: SYPxxxM (xxx = 205-230 in 5 Watt steps);</p> <p>MonoCrystalline Module - 20 cells: 8678-20/00: RSM20-6-xxxM (xxx = 80-90 in 5 Watt steps);</p> <p>PolyCrystalline Module - 45 cells: 8678-21/00: RSM45-6-xxxP (xxx = 180-195 in 5 Watt steps);</p> <p>PolyCrystalline Module - 20 cells: 8678-22/00: RSM20-6-xxxP (xxx = 80-90 in 5 Watt steps).</p> <p>Double Glass 6" MonoCrystalline Ranges:</p> <p>60pcs: 8678-27/00: RSM60-6-xxxMDG (xxx = 265-305 in 5 Watt steps);</p> <p>72pcs: 8678-28/00: RSM72-6-xxxMDG (xxx = 315-365 in 5 Watt steps);</p> <p>Double Glass 6" PonoCrystalline Ranges:</p> <p>60pcs: 8678-29/00: RSM60-6-xxxPDG (xxx = 265-300 in 5 Watt steps);</p> <p>72pcs: 8678-30/00: RSM72-6-xxxPDG (xxx = 315-360 in 5 Watt steps);</p>	<p>This certificate covers several families of Photovoltaic Solar Modules which may use 5" or 6" Monocrystalline or 6" Polycrystalline cells. & double glass modules.</p> <p>The products are manufactured using the similar processes and materials.</p>

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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 **6th August 2013**.

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 TUV SUD BABT.

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

Signed *[Signature]* Valid From: 05 September 2018

on behalf of TUV SUD BABT