



Certificate of Factory Production Control

This certificate has been issued to

Shanghai JA Solar Technology Co. Ltd.

of

**E6, E8 Plot, MinHang Export,
Shanghai Fengxian Area,
Shanghai, 201401,
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 addresses on the annex to this certificate

and includes the following products:

**JAM6-60-xxx; JAP6-60-xxx;
JAM6-60-xxx/3BB; JAM5-72-xxx;
JAM5(L)-72-xxx; JAM5(L)-72-xxx/SI;
JAM6-60-xxx/SI; JAM6(R)-60-xxx; JAM6(R)-72-xxx;
JAM6(R)(BK)-60-xxx; JAM6(R)(BK)-72-xxx.**

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

Signed:

on behalf of BABT



Certificate Number: BABT 8515 R8

Valid from: 14th October 2013 This Certificate expires on: 13th October 2016

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.

(For scope of certification prior to the validity date on this certificate please refer to BABT)



Annex to Certificate Number BABT 8515 R8

Manufacturing Locations:

E6, E8 Plot, MinHang Export,
Shanghai Fengxian Area,
Shanghai, 201401,
People's Republic of China.

Hefei JA Solar Technology Co. Ltd.
No. 999, Changning Road, Hi-tech Zone,
Hefei City, 230088,
People's Republic of China.

Standards used to establish conformity

MCS005 Issue 2.3 and MCS010 Issue 1.5 on the basis of a BABT Assessment Report number BABT 8515 dated: 6th October 2010 and subsequent information and test data supplied and accepted by 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
<p>8515-01: JAM6-60-xxx (xxx=200-250 in 5W steps); 8515-02: JAP6-60-xxx (xxx=200-250 in 5W steps); 8515-03: JAM6-60-xxx/3BB (xxx=200-250 in 5W steps); 8515-04: JAM5-72-xxx (xxx=155-195 in 5W steps); 8515-05: JAM5(L)-72-xxx (xxx=155-195 in 5W steps); 8515-06: JAM5(L)-72-xxx/SI (xxx=180-220 in 5W steps); 8515-07: JAM6-60-xxx/SI (xxx=235-280 in 5W steps); 8515-08: JAM6-72-xxx (xxx=255-305 in 5W steps); 8515-09: JAM6-72-xxx/SI (xxx=285-325 in 5W steps); 8515-10: JAP6-60-xxx/MP (xxx=220-265 in 5W steps); 8515-11: JAP6-60-xxx/3BB (xxx=200-275 in 5W steps); 8515-12: JAP6-72-xxx (xxx=245-295 in 5W steps); 8515-13: JAP6-72-xxx/MP (xxx=280-320 in 5W steps); 8515-14: JAP6-72-xxx/3BB (xxx=250-330 in 5W steps); 8515-15: JAM5(L)(BK)-72-xxx (xxx=155-195 in 5W steps); 8515-16: JAM5(L)(BK)-72-xxx/SI (xxx=180-220 in 5W steps); 8515-17: JAM6(BK)-60-xxx (xxx=200-250 in 5W steps); 8515-18: JAM6(BK)-60-xxx/SI (xxx=235-280 in 5W steps); 8515-19: JAM6(BK)-60-xxx/3BB (xxx=200-250 in 5W steps); 8515-20: JAM6(BK)-72-xxx (xxx=255-305 in 5W steps); 8515-21: JAM6(BK)-72-xxx/SI (xxx=280-320 in 5W steps); 8515-22: JAP6(BK)-60-xxx (xxx=200-250 in 5W steps); 8515-23: JAP6(BK)-60-xxx/MP (xxx=220-265 in 5W steps); 8515-24: JAP6(BK)-60-xxx/3BB (xxx=200-275 in 5W steps); 8515-25: JAP6(BK)-72-xxx (xxx=245-295 in 5W steps); 8515-26: JAP6(BK)-72-xxx/MP (xxx=280-320 in 5W steps); 8515-27: JAP6(BK)-72-xxx/3BB (xxx=245-330 in 5W steps); 8515-28: JAM5(R)-72-xxx (xxx=195-220 in 5W steps); 8515-29: JAM5(L)(T)-72-xxx/SI (xxx=180-220 in 5W steps); 8515-30: JAM5(R)(T)-72-xxx (xxx=195-220 in 5W steps);</p>	<p>This certificate covers several families of Photovoltaic Solar Panels which use Mono and Polycrystalline cells.</p> <p>The products use 60, or 72 cells respectively and are manufactured using the same processes and materials.</p> <p>(BK) suffix represents black backplane.</p>



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Product Category Cont.	Conditions
<p>8515-31: JAM6(T)-60-xxx/SI (xxx=235-265 in 5W steps); 8515-32: JAM6(T)-72-xxx/SI (xxx=285-325 in 5W steps); 8515-33: JAP6(T)-60-xxx/3BB (xxx=200-275 in 5W steps); 8515-34: JAP6(T)-72-xxx/3BB (xxx=250-330 in 5W steps); 8515-35: JAM5(R)(BK)-72-xxx (xxx=195-220 in 5W steps); 8515-36: JAM5(L)(T)(BK)-72-xxx/SI (xxx=155-215 in 5W steps); 8515-37: JAM5(R)(T)(BK)-72-xxx (xxx=195-220 in 5W steps); 8515-38: JAM6(T)(BK)-60-xxx/SI (xxx=235-265 in 5W steps); 8515-39: JAM6(T)(BK)-72-xxx/SI (xxx=280-320 in 5W steps); 8515-40: JAP6(T)(BK)-60-xxx/3BB (xxx=200-275 in 5W steps); 8515-41: JAP6(T)(BK)-72-xxx/3BB (xxx=250-330 in 5W steps); 8515-42: JAP6(DG)-60-xxx/3BB (xxx=225-275 in 5W steps); 8515-43: JAM6(R)-60-xxx (xxx=255-280 in 5W steps); 8515-44: JAM6(R)-72-xxx (xxx=295-340 in 5W steps); 8515-45: JAM6(R)(BK)-60-xxx (xxx=255-280 in 5W steps); 8515-46: JAM6(R)(BK)-72-xxx (xxx=295-340 in 5W steps); 8515-47: JAM6(R)-48-xxx (xxx=205-225 in 5W steps); 8515-48: JAM6-48-xxx/SI (xxx=200-330 in 5W steps); 8515-49: JAM6(L)-60-xxx/PR (xxx=270-295 in 5W steps); 8515-50: JAM6(L)(BK)-60-xxx/PR (xxx=270-295 in 5W steps); 8515-51: JAM6(L)-72-xxx/PR (xxx=325-345 in 5W steps); 8515-52: JAM6(L)(BK)-72-xxx/PR (xxx=325-345 in 5W steps); 8515-53: JAP6-60-xxx/RE (xxx=255-280 in 5W steps); 8515-54: JAP6-72-xxx/RE (xxx=305-330 in 5W steps); 8515-55: JAP6-60-xxx/4BB/RE (xxx=255-280 in 5W steps); 8515-56: JAP6-72-xxx/4BB/RE (xxx=305-330 in 5W steps); 8515-57: JAM6(SE)-60-xxx/SI (xxx=235-280 in 5W steps); 8515-58: JAP6(SE)-60-xxx/3BB (xxx=200-275 in 5W steps); 8515-59: JAM6(TG)-60-xxx/SI (xxx=250-280 in 5W steps); 8515-60: JAP6(TG)-60-xxx/3BB (xxx=245-265 in 5W steps); 8515-61: JAM6(BK)(SE)-60-xxx/SI (xxx=250-280 in 5W Steps); 8515-62: JAM6(R)(BK)(SE)-60-xxx (xxx=260-280 in 5W Steps); 8515-63: JAM6(BK)(TG)-60-xxx/SI (xxx=250-280 in 5W Steps); 8515-64: JAM6(R)(BK)(TG)-60-xxx (xxx=260-280 in 5W Steps).</p>	<p>This certificate covers several families of Photovoltaic Solar Panels which use Mono and Polycrystalline cells.</p> <p>The products use 60, or 72 cells respectively and are manufactured using the same processes and materials.</p> <p>(BK) suffix represents black backplane.</p>



Annex to Certificate Number BABT 8515 R8

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 **9th September 2010**.

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 BABT.

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

Notes:

This certificate refers to TÜV-SÜD Constructional Data Form number 70 406 09 803 01-20A1 and 704060980302-18A1 dated February 12, 2014, 70.406.12.095.05-10 and 70.406.12.095.06-10 dated August 04, 2014 for referenced build levels and accepted constructional materials.

Shanghai JA Solar Technology Co. Ltd. have maintained continuous certification under the UK MCS 010 scheme since 14th October 2010.

Signed:.....

on behalf of TÜV SÜD BABT

Valid From: 01st September 2014