

# Certificate

Registration No.: PV50233057

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Report No.: 15051335.001

**License Holder:**

ERA Solar Co., Ltd.  
Sihai Road, Huangyan  
Economic Development Zone  
Taizhou, Zhejiang 318020  
P.R. China

**Manufacturing Plant:**

ERA Solar Co., Ltd.  
Sihai Road, Huangyan  
Economic Development Zone  
Taizhou, Zhejiang 318020  
P.R. China

**Product:**

**PV Module**

**Type:**

With 6" mono cell:  
ESPSCxxx (xxx=200-255, in steps of 5, 60 cells)  
ESPSCxxx (xxx=235-305, in steps of 5, 72 cells)  
With 5" mono cell:  
ESPSAxxx (xxx=160-200, in steps of 5, 72 cells)  
ESPSAxxx(BK) (xxx=160-200, in steps of 5, 72 cells)  
With 6" poly cell:  
ESPMCxxx (xxx=205-245, in steps of 5, 60 cells)

**Basis:**



**IEC 61215:2005  
EN 61215:2005**

"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"



**Factory Inspection**

To document the consistent quality of  
the product factory inspections are  
performed periodically.



- **Qualified, IEC 61215**
- **Periodic inspection**

**Remarks:**

The details of the factory inspection are documented in report no. 15035479.003

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate is valid until 15 July 2017**

Shanghai, 16 July 2012

**Certification body**



Dipl.-Ing. Bernd Scheirer

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nürnberg  
Contact: + (+49) 221 606-1371 email: cert-validity@de.tuv.com



# Certificate

**Registration No.: PV 50233064**
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**Report No.: 15051336.001**
**License Holder:**

ERA Solar Co., Ltd.  
Sihai Road, Huangyan  
Economic Development Zone  
Taizhou, Zhejiang 318020  
P.R. China

**Manufacturing Plant:**

ERA Solar Co., Ltd.  
Sihai Road, Huangyan  
Economic Development Zone  
Taizhou, Zhejiang 318020  
P.R. China

**Product:**
**PV Module**
**Type:**

With 6" mono cell:

ESPSCxxx (xxx=200-255, in steps of 5, 60 cells)

ESPSCxxx (xxx=235-305, in steps of 5, 72 cells)

With 5" mono cell:

ESPSAxxx (xxx=160-200, in steps of 5, 72 cells)

ESPSAxxx(BK) (xxx=160-200, in steps of 5, 72 cells)

With 6" poly cell:

ESPMCxxx (xxx=205-245, in steps of 5, 60 cells)

**Basis:**

- ☒ **IEC 61730-1:2004**  
**IEC 61730-2:2004**  
**EN 61730-1:2007**  
**EN 61730-2:2007**  
"Photovoltaic (PV) module safety qualification"

- ☒ **Factory Inspection**  
To document the consistent quality of the product factory inspections are performed periodically.



- **Qualified, IEC 61215**
- **Safety tested, IEC 61730**
- **Periodic inspection**

**Remarks:**

- IEC EN 61730 consists of part 1 ( Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II ). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to 1000 VDC.
- The details of the factory inspection are documented in report no. 15035479.003

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate is valid until 15 July 2017.**

Shanghai, 16 July 2012

**Certification body**



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