

# Certificate

Registration No.: PV 60040040

Page 1

Report No.: 21169868.001

**License Holder:**

ITS Halle Module GmbH  
Orionstraße 1 – Gewerbegebiet Halle/Quels  
06184 Kabelsketal  
Germany

**Product:**

PV Module

**Type:**

ITS220ECRy, ITS220FCRy  
ITS220ECSy, ITS220FCSy  
ITS220ECTy, ITS220FCTy  
ITS220ECUy, ITS220FCUy

**Manufacturing Plant:**

0010--21169868 001

y = 2 for 210 Wp  
3 for 220 Wp  
4 for 230 Wp  
5 for 240 Wp  
6 for 250 Wp

**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 above listed PV modules fulfil the requirements of **fire rating class C**.

**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 June 2016.**

Certification body



Cologne, 13 July 2011

Dipl.-Ing. M. Adrian

# Certificate

Registration No.: PV 60040040

Page 2

Report No.: 21169868.001

**License Holder:**

ITS Halle Module GmbH  
Orionstraße 1 – Gewerbegebiet Halle/Queis  
06184 Kabelsketal  
Germany

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

ITS220ECRy\_V, ITS220FCRy\_V  
ITS220ECSy\_V, ITS220FCSy\_V  
ITS220ECTy\_V, ITS220FCTy\_V  
ITS220ECUy\_V, ITS220FCUy\_V

**Manufacturing Plant:**

0010--21169868 001

y = 2 for 210 Wp  
3 for 220 Wp  
4 for 230 Wp  
5 for 240 Wp  
6 for 250 Wp

**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 above listed PV modules fulfil the requirements of **fire rating class C**.
- Additional module types.

**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 June 2016.**

Certification body



Cologne, 9 May 2012

Dipl.-Ing. M. Adrian



# Certificate

Registration No.: PV 60040040

Page 3

Report No.: 21169868.006

**License Holder:**

ITS Halle Module GmbH  
Orionstraße 1 - Gewerbegebiet Halle/Queis  
06184 Kabelsketal  
Germany

**Product:**

**PV Module**

**Type:**

ITS220EBU3, ITS220ESU3 (for 220Wp)  
ITS220EBU4, ITS220ESU4 (for 230Wp)  
ITS220EBU5, ITS220ESU5 (for 240Wp)  
ITS220EBU6, ITS220ESU6 (for 250Wp)

**Manufacturing Plant:**

0010--21169868 001

ITS220EBU3\_V, ITS220ESU3\_V (for 220Wp)  
ITS220EBU4\_V, ITS220ESU4\_V (for 230Wp)  
ITS220EBU5\_V, ITS220ESU5\_V (for 240Wp)  
ITS220EBU6\_V, ITS220ESU6\_V (for 250Wp)

**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.



www.tuv.com  
ID 0000033013

**Remarks:**

- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61215.
- The above listed PV modules fulfil the requirements of Application **Class A** (Class II acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to 1000 VDC.
- The above listed PV modules fulfil the requirements of **fire rating class C**.
- Additional module types.

**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 June 2016.**

Cologne, 28 February 2013

Certification body



Dipl.-Ing. M. Adrian