

# Certificate

Registration No.: PV 50160155

Page 16

Report No.: 12605859 063

**License Holder:****SANYO Electric Co., Ltd.**15-2, Nishiki-Minami-machi  
Kaizuka City, Osaka  
597-0094, JAPAN**Product:**

PV Module

**Addition**

Type: VBHNxxxSE10, VBHNxxxSE11

(xxx = 225, 230, 235, 240)

VBHN236SE10, VBHH251AE01

VBHNNyyySE51, VBHNNyyySE52

(yyy = 225, 230, 235)

VBHHzzzAE01, VBHHzzzAE02

VBHHzzzBE09, VBHHzzzBE10

(zzz = 240, 245, 250)

**Manufacturing Plant:****SANYO Electric Co., Ltd.****Nishikinohama Factory**15-2, Nishiki-Minami-machi  
Kaizuka City, Osaka  
597-0094, JAPAN**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.

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

**Remarks:**

- Additional type designations see above.
- The details of the factory inspection are documented in report no. 12606100.
- For associated manufacturing plants, refer to the preceding certificate page.
- Mechanical load at 5400 Pa has been performed for the a. m. VBHN and VBHH series.

**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 has a validity of 5 years from the date of issue stated on page 1.**

**Certification body**

Yokohama, 31 January 2012

Dipl.-Ing. M. Geiser

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan



# Certificate

Registration No.: PV 50160157

Page 16

Report No.: 12605859 064

**License Holder:****SANYO Electric Co., Ltd.**15-2, Nishiki-Minami-machi  
Kaizuka City, Osaka  
597-0094, JAPAN**Product:**

PV Module

**Addition**

Type: VBHNxxxSE10, VBHNxxxSE11

(xxx = 225, 230, 235, 240)

VBHN236SE10, VBHH251AE01

VBHNNyyySE51, VBHNNyyySE52

(yyy = 225, 230, 235)

VBHHzzzAE01, VBHHzzzAE02

VBHHzzzBE09, VBHHzzzBE10

(zzz = 240, 245, 250)

**Manufacturing Plant:****SANYO Electric Co., Ltd.****Nishikinohama Factory**15-2, Nishiki-Minami-machi  
Kaizuka City, Osaka  
597-0094, JAPAN**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.

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

**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 fire test (IEC 61730-2 / MST 23) was not performed.
- Additional type designations see above.
- The details of the factory inspection are documented in report no. 12606100.
- For associated manufacturing plants, refer to the preceding certificate page.


**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 has a validity of 5 years from the date of issue stated on page 1.****Certification body**

Yokohama, 31 January 2012

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan

  
Dipl.-Ing. M. Geiser

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SANYO Component Europe GmbH  
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<http://www.sanyo-component.com>

**Self-Declaration:**  
**The relationship of SANYO and Panasonic**  
**in the Factory Inspection Certificate**

Regarding the factory inspection of our modules, we,

SANYO Component Europe GmbH  
Stahlgruberring 4,  
D-81829 München,  
Germany

declare under sole responsibility that the products:

Photovoltaic Modules,

VBHN\*\*\*SE10  
VBHN\*\*\*SE11  
VBHN\*\*\*SE51  
VBHN\*\*\*SE51B  
VBHH\*\*\*AE01  
VBHH\*\*\*AE02

are sold by us, as we are the sales company, exclusively under the brand name "Panasonic", as "Panasonic" is the brand name of the above mentioned products.

This is the relationship between SANYO and Panasonic.

A third party document (TÜV) also confirming this with regard to factory inspection and adding the brand name "Panasonic" in their inspection certificate is currently already under preparation.

With best regards,



C. Comes

SANYO Component Europe GmbH  
Panasonic Eco Solutions Energy Management Europe

Munich, 25.09.2012