

Certificate



Registration No.: PV 60090238

Page 1

Report No.: 21208478.001

License Holder:

SHAN Solar PVT LTD
No. 900 South Road No. 8
Post Box #1
SRICITY SEZ
SATHYAVEDU MANDAL 517588
INDIA

Manufacturing Plant:

SHAN Solar PVT LTD
No. 900 South Road No. 8
Post Box #1
SRICITY SEZ
SATHYAVEDU MANDAL 517588
INDIA

Product:

PV Modules

Type:

With 6" poly cells:

Ruby xxx-72 (xxx = 267 - 326, 72 cells)

Ruby xxx-66 (xxx = 245 - 299, 66 cells)

Ruby xxx-60 (xxx = 222 - 272, 60 cells)

Ruby xxx-54 (xxx = 200 - 245, 54 cells)

Ruby xxx-48 (xxx = 178 - 217, 48 cells)

Ruby xxx-42 (xxx = 156 - 190, 42 cells)

Ruby xxx-36 (xxx = 133 - 163, 36 cells)

With 6" mono cells:

Sapphire xxx-72 (xxx = 267 - 326, 72 cells)

Sapphire xxx-66 (xxx = 245 - 299, 66 cells)

Sapphire xxx-60 (xxx = 222 - 272, 60 cells)

Sapphire xxx-54 (xxx = 200 - 245, 54 cells)

Sapphire xxx-48 (xxx = 178 - 217, 48 cells)

Sapphire xxx-42 (xxx = 156 - 190, 42 cells)

Sapphire xxx-36 (xxx = 133 - 163, 36 cells)

xxx represent output power in Wp

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.



www.tuv.com
ID 0000039699

Remarks:

- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61730.
- The mechanical load test of EN IEC 61215:2005 was performed with a load of **5400 Pa**.

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 counting from date of issue.



Cologne, 20 November 2013

Dipl.-Ing. M. Adrian

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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.



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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**.
- The mechanical load test of EN IEC 61215:2005 was performed with a load of **5400 Pa**.

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 19 November 2018.



Dipl.-Ing. M. Adrian

Cologne, 20 November 2013