

Certificate

Registration No.: PV 50226292

Page 1

Report No.: 15040201.005

License Holder:

SENER SUN FRANCE S.A.S.
2, cours du XXX Juillet
33064 Bordeaux Cedex
France

Product:

PV Module

Type:

With 5" mono cells:

SSM96AxxxAS1-A (xxx=215-260, in steps of 5, 96 cells)

SSM72AxxxBS1-A (xxx=165-195, in steps of 5, 72 cells)

SSM60AxxxBS1-A (xxx=135-160, in steps of 5, 60 cells)

SSM54AxxxBS1-A (xxx=125-145, in steps of 5, 54 cells)

SSM48AxxxBS1-A (xxx=110-130, in steps of 5, 48 cells)

SSM36AxxxBS1-A (xxx=085-095, in steps of 5, 36 cells)

With 6" mono cells:

SSM72CxxxAS1-A (xxx=250-300, in steps of 5, 72 cells)

SSM60CxxxAS1-A (xxx=210-250, in steps of 5, 60 cells)

SSM54CxxxAS1-A (xxx=190-225, in steps of 5, 54 cells)

SSM48CxxxAS1-A (xxx=170-200, in steps of 5, 48 cells)

SSM36CxxxAS1-A (xxx=125-150, in steps of 5, 36 cells)

Manufacturing Plant:

0001 - 15040201 001

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:

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 18 November 2015.

12 April 2012

Certification body

Dipl.-Ing. Bernd Scheirer



Certificate

Registration No.: PV 50226298

Page 1

Report No.: 15040204.005

License Holder:

SENER SUN FRANCE S.A.S.
2, cours du XXX Juillet
33064 Bordeaux Cedex
France

Product:

PV Module

Type:

With 5" mono cells:

SSM96AxxxAS1-A (xxx=215-260, in steps of 5, 96 cells)

SSM72AxxxBS1-A (xxx=165-195, in steps of 5, 72 cells)

SSM60AxxxBS1-A (xxx=135-160, in steps of 5, 60 cells)

SSM54AxxxBS1-A (xxx=125-145, in steps of 5, 54 cells)

SSM48AxxxBS1-A (xxx=110-130, in steps of 5, 48 cells)

SSM36AxxxBS1-A (xxx=085-095, in steps of 5, 36 cells)

With 6" mono cells:

SSM72CxxxAS1-A (xxx=250-300, in steps of 5, 72 cells)

SSM60CxxxAS1-A (xxx=210-250, in steps of 5, 60 cells)

SSM54CxxxAS1-A (xxx=190-225, in steps of 5, 54 cells)

SSM48CxxxAS1-A (xxx=170-200, in steps of 5, 48 cells)

SSM36CxxxAS1-A (xxx=125-150, in steps of 5, 36 cells)

Manufacturing Plant:

0001 – 15040204 001

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 fire test (IEC 61730-2 / MST 23) was not performed.

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 18 November 2015.

Certification body



Dipl.-Ing. Bernd Scheiner



12 April 2012

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