

Certificate



Registration No.: PV 60094331

Page 1

Report No.: 21213109.001

License Holder:

Solartron Public Company Limited
1000/65, 66, 67 P.B. Tower 16th Floor
Soi Sukhumvit 71, Sukhumvit Road
North Klongtan, Wattana, Bangkok 10110
Thailand

Product:

PV Modules
Type:
with 6" poly c-Si cells:
SPxxx (xxx = 280 - 315 in steps of 5, 72 cells)
SPxxx (xxx = 240 - 260 in steps of 5, 60 cells)

xxx represent output power in Wp

Manufacturing Plant:

Solartron Public Company Limited
88/8 Moo 10, Nongnamdang
Pakchong, Nakhonratchasima 30130
Thailand

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 0000041006

Remarks:

- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61730.

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.

Certification body



Dipl.-Ing. M. Adrian

Cologne, 30 May 2014

Certificate



Registration No.: PV 60094331

Page 2

Report No.: 21213109.002

License Holder:

Solartron Public Company Limited
1000/65, 66, 67 P.B. Tower 16th Floor
Soi Sukhumvit 71, Sukhumvit Road
North Klongtan, Wattana, Bangkok 10110
Thailand

Product:

PV Modules

Type:

with 6" poly c-Si cells:

SPxxx (xxx = 205 - 235 in steps of 5, 54 cells)

SPxxx (xxx = 135 - 155 in steps of 5, 36 cells)

xxx represent output power in Wp

Manufacturing Plant:

Solartron Public Company Limited
88/8 Moo 10, Nongnamdang
Pakchong, Nakhonratchasima 30130
Thailand

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.



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Remarks:

- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61730.
- Extension to additional module types with lower power output.

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 27 May 2019.

Certification body



Dipl.-Ing. M. Adrian

Cologne, 25 August 2014

Certificate



Registration No.: PV 60094332

Page 1

Report No.: 21213110.001

License Holder:

Solartron Public Company Limited
1000/65, 66, 67 P.B. Tower 16th Floor
Soi Sukhumvit 71, Sukhumvit Road
North Klongtan, Wattana, Bangkok 10110
Thailand

Product:

PV Modules

Type:

with 6" poly c-Si cells:

SPxxx (xxx = 280 - 315 in steps of 5, 72 cells)

SPxxx (xxx = 240 - 260 in steps of 5, 60 cells)

xxx represent output power in Wp

Manufacturing Plant:

Solartron Public Company Limited
88/8 Moo 10, Nongnamdang
Pakchong, Nakhonratchasima 30130
Thailand

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 0000041006

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**.

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 27 May 2019.

Certification body



Cologne, 30 May 2014

Dipl.-Ing. M. Adrian

Certificate



Registration No.: PV 60094332

Page 2

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North Klongtan, Wattana, Bangkok 10110
Thailand

Product:
PV Modules
Type:
with 6" poly c-Si cells:
SPxxx (xxx = 205 - 235 in steps of 5, 54 cells)
SPxxx (xxx = 135 - 155 in steps of 5, 36 cells)

xxx represent output power in Wp

Manufacturing Plant:
Solartron Public Company Limited
88/8 Moo 10, Nongnamdang
Pakchong, Nakhonratchasima 30130
Thailand

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 0000041006

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**.
- Extension to additional module types with lower power output.

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 27 May 2019.

Certification body



Dipl.-Ing. M. Adrian

Cologne, 25 August 2014