

Certificate

Registration No.: PV 60090191

Page 8

Report No.: 21200069.007

License Holder:

Soluxtec S.A.

74, route de Luxembourg
6633 Wasserbillig
Luxembourg

Manufacturing Plant:

Soluxtec GmbH

Werner von Siemens Straße 25
54634 Bitburg
Germany

Product:

PV Module

Type:

with 6" poly-crystalline cells:

DAS MODUL Multi Serie FR60 xxx Wp

(xxx=215-265 in steps of 5, 60 cells)

DAS MODUL Multi Serie FR54 xxx Wp

(xxx=195-240 in steps of 5, 54 cells)

DAS MODUL Multi Serie FR48 xxx Wp

(xxx=175-210 in steps of 5, 48 cells)

PowerSlate Poly Serie FR60 xxx Wp

(xxx=215-265 in steps of 5, 60 cells)

PowerSlate Poly Serie FL60 xxx Wp

(xxx=215-265 in steps of 5, 60 cells)

PowerSlate Poly Serie FL54 xxx Wp

(xxx=195-240 in steps of 5, 54 cells)

PowerSlate Multi Serie TS

(power range 32-40 in steps of 1 W, 9 cells)

CAP-SXTEC-xx-P (xx=66-68 in steps of 2, 16 cells)

xx or xxx represent output power in Wp

EcoSolate Multi Serie 36 (power range 130-160 Wp in steps of 5 W)

EcoSolate Multi Serie 30 (power range 110-130 Wp in steps of 5 W)

EcoSolate Multi Serie 24 (power range 85-105 Wp in steps of 5 W)

EcoSolate Multi Serie 20 (power range 70-90 Wp in steps of 5 W)

Basis:



EN 61730-1:2007+A1+A2

EN 61730-2:2007+A1

"Photovoltaic (PV) module safety qualification"



Factory Inspection

To document the consistent quality of the product factory inspections are performed periodically.



www.tuv.com
ID 0000039698

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 mechanical load test of EN IEC 61215:2005 was performed with a load of **5400 Pa**, valid for module type "DAS MODUL Multi Serie FR" and "PowerSlate Poly Serie FR"
- Extension to new material, components and higher output power (6" mono cells).
- Page 8 and 9 of this certificate replacing page 2 to 7.

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 17 November 2018.

Cologne, 21 June 2016



Dipl.-Ing. M. Adrian

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Product:

PV Module

Type:

with 6" mono-crystalline cells:

DAS MODUL Mono Serie FR60 xxx Wp

(xxx=210-330 in steps of 5, 60 cells)

DAS MODUL Mono Serie FR54 xxx Wp

(xxx=190-295 in steps of 5, 54 cells)

DAS MODUL Mono Serie FR48 xxx Wp

(xxx=170-260 in steps of 5, 48 cells)

PowerSlate Mono Serie FR60 xxx Wp

(xxx=210-330 in steps of 5, 60 cells)

PowerSlate Mono Serie FL60 xxx Wp

(xxx=210-330 in steps of 5, 60 cells)

PowerSlate Mono Serie FL54 xxx Wp

(xxx=190-295 in steps of 5, 54 cells)

PowerSlate Mono Serie TS

(power range 32-45 Wp in steps of 1, 9 cells)

CAP-SXTEC-xx-M (xx=70-88 in steps of 2, 16 cells)

xx or xxx represent output power in Wp

PowerSlate Mono Serie TS (power range 32 - 45)

EcoSlate Mono Serie 36 (power range 125-195 Wp in steps of 5 W)

EcoSlate Mono Serie 30 (power range 105-165 Wp in steps of 5 W)

EcoSlate Mono Serie 24 (power range 85-130 Wp in steps of 5 W)

EcoSlate Mono Serie 20 (power range 70-110 Wp in steps of 5 W)

Basis:



EN 61730-1:2007+A1+A2

EN 61730-2:2007+A1

"Photovoltaic (PV) module safety qualification"



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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 mechanical load test of EN IEC 61215:2005 was performed with a load of **5400 Pa**, valid for module type "DAS MODUL Mono Serie FR" and "PowerSlate Mono Serie FR"
- Extension to new material, components and higher output power (6" mono cells).
- Page 8 and 9 of this certificate replacing page 2 to 7.

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Certification body



Dipl.-Ing. M. Adrian