

Certificate



Registration No.: PV 60032228

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Report No.: 21153304.016

License Holder:

Centrosolar AG

Stresemannstraße 163
22769 Hamburg
Germany

Manufacturing Plant:

Centrosolar Sonnenstromfabrik GmbH
An der Westtangente 1
23966 Wismar
Germany

Product:

PV Modules

Type:

With 6" poly cells

S xxxP60 Vision (xxx = 200 – 265 in steps of 5, 60 cells)
S xxxP54 Vision (xxx = 180 – 240 in steps of 5, 54 cells)
S xxxP60 Vision balance (xxx = 200 – 265 in steps of 5, 60 cells)
S xxxP54 Vision balance (xxx = 180 – 240 in steps of 5, 54 cells)
S xxxP60 Vision black (xxx = 200 – 265 in steps of 5, 60 cells)
S xxxP54 Vision black (xxx = 180 – 240 in steps of 5, 54 cells)
S xxxP60 Vision smart (xxx = 200 – 265 in steps of 5, 60 cells)
S xxxP54 Vision smart (xxx = 180 – 240 in steps of 5, 54 cells)

With 6" mono cells

S xxxM60 Vision (xxx = 200 – 275 in steps of 5, 60 cells)
S xxxM54 Vision (xxx = 180 – 250 in steps of 5, 54 cells)
S xxxM60 Vision balance (xxx = 200 – 275 in steps of 5, 60 cells)
S xxxM54 Vision balance (xxx = 180 – 250 in steps of 5, 54 cells)
S xxxM60 Vision black (xxx = 200 – 275 in steps of 5, 60 cells)
S xxxM54 Vision black (xxx = 180 – 250 in steps of 5, 54 cells)
S xxxM60 Vision smart (xxx = 200 – 275 in steps of 5, 60 cells)
S xxxM54 Vision smart (xxx = 180 – 250 in steps of 5, 54 cells)

xxx represent output power in Wp

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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ID 0000027145

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 modification to superstrate, backsheet/substrate and additional type Designation.

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 14 July 2015.

Cologne, 29 July 2013



Dipl.-Ing. M. Adrian