

Certificate

Registration No.: PV 60032228

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Report No.: 21153304.005

License Holder:

Centrosolar AG

Stresemannstraße 163
22769 Hamburg
Germany

Product:

PV Modules

Type:

Serie S-Class Excellent

Serie S-Class Ultra

Serie S-Class Professional

S XXXMY / S XXXPY

S XXXMY / S XXXPY

S XXXMY / S XXXPY

Manufacturing Plant:

Centrosolar Sonnenstromfabrik GmbH
An der Westtangente 1
23966 Wismar
Germany

XXXP = 160-265 Wp in steps of 5 W,
YY = 48-60 cells per module

XXXM = 160-275 Wp in steps of 5 W,
YY = 48-60 cells per module

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
- Heavy Snow Load tested
- 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 details of the factory inspection are documented in report 21172700.001.
- 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 14 July 2015.

Cologne, 28 November 2011



Dipl.-Ing. M. Adrian