

# Certificate

Registration No.: PV 60029360

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Report No.: 21148062.001

**License Holder:**  
**Centrosolar AG**  
Behringstraße 16  
22765 Hamburg  
Germany

**Manufacturing Plant:**  
Centrosolar Sonnenstromfabrik GmbH  
An der Westtangente 1  
23966 Wismar  
Germany

**Product:**  
PV Modules  
Type:

S xxxP50 Integration  
S xxxP50 Integration Deluxe  
S xxxM50 Integration  
S xxxM50 Integration Deluxe

(xxx = power classes 165 Wp to 195 Wp in steps of 5)

**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.
- The details of the factory inspection are documented in report 21219997.
- This certificate replaces certificate PV 60026693 with new 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 3 September 2014.**



Cologne, 16 March 2010

Dipl.-Ing. M. Adrian