

# Certificate

Registration No.: PV 60032228

Page 2

Report No.: 21153304.002

**License Holder:**  
**Centrosolar AG**  
Stresemannstraße 163  
22769 Hamburg  
Germany

**Product:**  
PV Modules  
Type:  
Solara S-Serie  
Solara S xxxMyy Ultra  
Solara S xxxPyy Ultra

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

xxx = 50 – 600  
yy = 36 – 72, stand for number of cells  
  
power range: 12,5 Wp to 150 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.



- 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 21211647.

**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, 15 July 2010



Dipl.-Ing. M. Adrian