

TÜV Rheinland Energie und Umwelt GmbH
51101 Köln

Sunways AG
Macairestr. 3 - 5
78467 Konstanz
Germany

Lukas Jakisch
Tel. +49 221 806 4369
Fax +49 221 806 1350
Mail enertest@de.tuv.com
Web www.tuv.com/pv
Cologne, 21 November 2011

**Declaration on Extension qualification
Project no. 21217432i**

Licence Holder: Sunways AG
Macairestr. 3 - 5
78467 Konstanz
Germany

Manufacturer: LDK SOLAR HI-TECH (Nanchang) CO., LTD
No. 189, Dongyuan Road
Hi-Tech Industrial Development Zone
Nanchang City, Jiangxi Province 330096
P.R. China

Basic qualification: Qualification of PV modules acc. to
EN IEC 61215: 2005 and
IEC 61730:2004 (EN 61730:2007)

PV modules: SM 240U (power range 215 – 250 in increments of 5 Wp)
SM 245M (power range 215 – 255 in increments of 5 Wp)

Certificates: Registration no.
PV 60035646 and PV 60035647
(valid until 21 November 2015)

Reports: 21161028.001 & 21161029.001 dated November 2010

Herewith it is declared, that the certificate of the above mentioned basic qualification is valid by application for the following design extension. Furthermore it is declared, that the maximum system voltage of the above mentioned modules is approved for 1000 V and "Heavy snow load tested" – Mechanical load with 5400Pa:



Carbon Neutral Company

TÜV Rheinland
Energie und Umwelt GmbH

Am Grauen Stein
51105 Köln
Germany

Tel. +49 221 806-2477
Fax +49 221 806-1350
Mail enertest@de.tuv.com
www.tuv.com/solarpower

Managing Director
Eckhard Lippold

Amtsgericht Köln HRB 56171

Design extension: New mounting system:

Insertion System

TRITEC International AG
Type: TRI-STAND and TRI-ROOF, Inlay Profile TS40
(for load 5400 Pa middle profile has to be added)

The before mentioned mounting assembly was tested in the fixed combination to above noted module types.

The insertion system was not tested due to a specified under construction lay out.

Renewable Energies

ppa.


Dipl.-Ing. W. Vaaßen

i. A.


Dipl.-Ing. L. Jakisch