

CERTIFICATE

The company

**Jiangsu Sunrain
solar energy co., ltd**
Ning hai industrial zone
LIANYUNGANG, JIANGSU
PEOPLE'S REPUBLIC OF CHINA

with its production site in

Lianyungang, Jiangsu

hereby receives the confirmation that the product/s

Solar collectors

of the type

TZ47/1500-10U, 12U, 15U, 16U, 18U, 20U, 25U, 30U

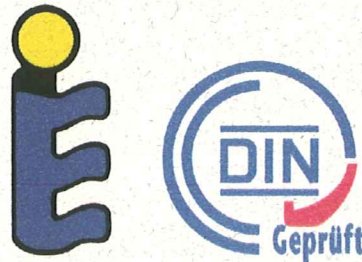
conforms to

DIN EN 12975-1:2006-06

DIN EN 12975-2:2006-06

Specific CEN KEYMARK Scheme Rules for Solar Thermal Products

and is granted the licence to use the marks



in conjunction with the Registration No. below.

Registration No.: 011-7S162 R

This certificate remains valid as long as the required surveillance conditions will be passed with a positive result for the assessment.



DAP-ZE-2460.00

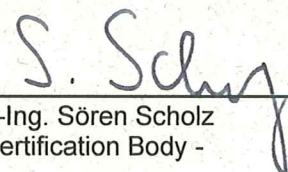
See annex for further information.

DIN CERTCO Gesellschaft für
Konformitätsbewertung mbH
Alboinstraße 56, 12103 Berlin



2007-06-12

Dipl.-Ing. Dipl.-Wi.-Ing. Sören Scholz
- Acting Head of Certification Body -



Annex

to the Certificate with Registration No. 011-7S162 R, dated 2007-06-12

Technical data

See data sheet, part of the test report of 2007-05-30

Note(s):

- The freeze resistance test according to DIN EN 12975-2, clause 5.8 was not necessary. According to the manufacturer's declaration, the certified solar collectors may be used in frost exposed areas only in combination with appropriate frost protection mixtures.
- The mechanical load test according to DIN EN 12975-2, clause 5.9 is not applicable for tube collectors.
- The optional impact resistance test according to DIN EN 12975-2, clause 5.10 was not carried out.

Testing laboratory / Inspection body

Universität Stuttgart
Institut für Thermodynamik und
Wärmetechnik
Pfaffenwaldring 6
70569 Stuttgart

Test report(s)

No. 07COL536 dated 2007-05-30