

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

Split solar collector heat pipe
TZ 58/1800-10R2, -12R2, -14R2, -15R2, -16R2, -18R2,
-20R2, -24R2, -25R2, -28R2, -30R2

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.: 011-7S164 R



DAP-ZE-2460.00

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

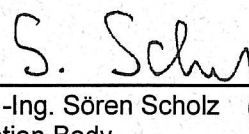
See annex for further information.

DIN CERTCO Gesellschaft für
Konformitätsbewertung mbH
Alboinstraße 56, 12103 Berlin



2008-02-21

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



Annex

to the Certificate with Registration No. 011-7S164 R, dated 2008-02-21

Technical data

See data sheet, part of the test report of 2007-03-23

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

Fraunhofer Institut für
Solare Energiesysteme (ISE)
Therm. Anlagen u. Komponenten
Heidenhofstr. 2
79110 Freiburg

Test report(s)

KTB No. 2007-07-en dated 2007-03-27
E KTB No. 2007-07-en dated 2008-02-20

ISE