

# CERTIFICATE

The company

**Changzhou Sunpower  
Solar Water Heater Co., Ltd**  
#69 South Airport Road Luoxi  
213136 CHANGZHOU  
PEOPLE'S REPUBLIC OF CHINA

with its production site in

**Changzhou**

hereby receives the confirmation that the product/s

**Solar collectors**

of the type

**SPA-58/1800-12-C, SPA-58/1800-18-C, SPA-58/1800-20-C,  
SPA-58/1800-24-C, SPA-58/1800-30-C**

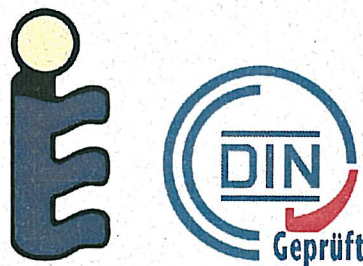
conforms to

**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.: 011-7S421 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



2008-06-09

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

*S. Scholz*

## **Annex**

to the Certificate with Registration No. 011-7S421 R, dated 2008-06-09

### **Technical data**

See data sheet, part of the test report of 2008-06-05

### **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. 07COL638 dated 2008-06-05