



Image: TÜV Rheinland AG ©

Frequently asked questions about solar thermal products certification

Would you like to know more about testing and certification for solar thermal products? We have answered the most common questions below.

1. WHAT ARE THE ADVANTAGES OF CERTIFICATION FOR MY SOLAR THERMAL PRODUCTS?

- Increased trust among customers and business partners
- Easier access to European markets
- Basis for subsidies in European countries
- Distinction from the competition
- Internationally recognized and neutral certificate and quality mark

www.dincertco.de/en/

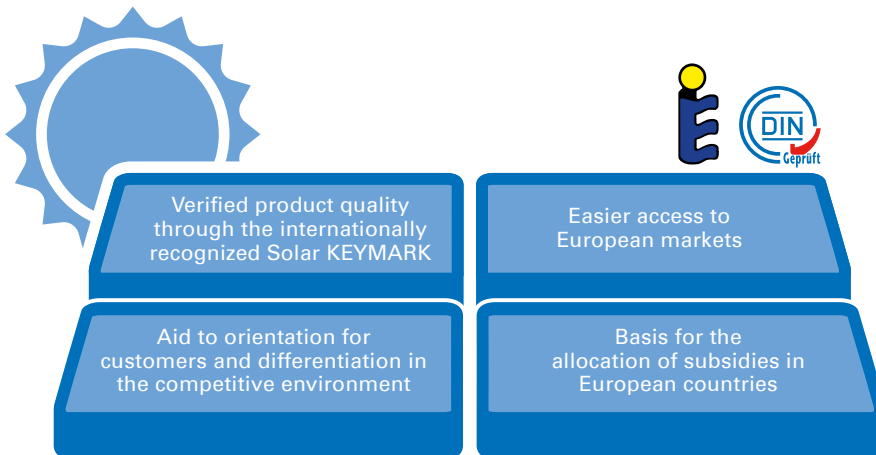


TÜVRheinland®

DIN CERTCO

Precisely Right.

YOUR BENEFITS FROM CERTIFICATION FOR YOUR SOLAR THERMAL SYSTEMS



2. WHAT REQUIREMENTS DOES MY PRODUCT NEED TO MEET FOR CERTIFICATION?

Your products will be tested according to European standards [DIN EN ISO 9806](#), [DIN EN 12975](#), [DIN EN 12976](#) and [DIN EN 12977](#). Recognized test labs examine your solar thermal products according to quality criteria such as resistance to mechanical damage, temperature and weather conditions.

As well as conforming to these standards, your product must be subject to a quality system (product-specific physical inspection) as per the standards series DIN EN ISO 9000 et seq. in order to qualify for the Solar KEYMARK.

You can find more details about the certification process in the [certification program](#).

3. WHAT PRODUCTS CAN RECEIVE SOLAR KEYMARK CERTIFICATION?

The following products can be tested and certified:

- Solar collectors (flat plate collectors, tube collectors, concentrated collectors, PVC collectors, air heater solar collectors)
- Prefabricated or custom solar thermal systems
- Storage water heaters for solar plants (including combined storage tanks)
- Control equipment for solar plants

4. HOW LONG IS THE SOLAR KEYMARK CERTIFICATE VALID?

The KEYMARK certificate is valid for five years. If the results of the factory inspection and physical inspection are positive, the certificate can be extended by another five years.

A second extension is only possible after another type inspection. If the test results are positive, you can apply for certification extension to receive a new certificate.

5. HOW CAN I AS A RETAILER OBTAIN THE SOLAR KEYMARK FOR CERTIFIED PRODUCTS UNDER MY OWN NAME?

If you would like the Solar KEYMARK for certified products under your own name, you need to apply for the Original Equipment Manufacturer (OEM) certificate. For an OEM certificate you will need to provide us with the following documents:

- Original application for every certification (specifying the registration number of the applicable KEYMARK certification among other things)
- Written confirmation from the manufacturer (certificate owner) that we may access the test report
- Rewritten test report (this could also be a PDF from the test lab) with the name of the OEM customer and a new test report number
- Type plate and installation instructions / assembly instructions
- Solar KEYMARK data sheet from the test lab

You can obtain these documents from the test lab that performed the first test.

6. HOW MUCH ARE THE LICENSE FEES FOR THE SOLAR KEYMARK?

The first certificate for a certificate holder costs 50 euros, and every further certificate costs 230 euros

7. ARE SOLAR COLLECTORS SUBSIDISED IN GERMANY?

Yes, BAFA has launched a program in Germany supporting efficient solar collectors.

8. WHAT DO I NEED TO HAVE A SOLAR COLLECTOR ADDED TO THE BAFA LIST?

The Federal Office for Economic Affairs and Export Control (BAFA) in Germany needs the following documents and certificates to add a solar collector to the list of collectors eligible for subsidies:

- Solar KEYMARK certificate
- Test report as per DIN EN 12975 (the test report is rewritten for OEM collectors)
- Proof of annual minimum collector gain of 525 kWh/m² for the „Würzburg location“
- Proof of a gross collector area of at least 7.0 m² for vacuum tubes and vacuum flat plate collectors and 9.0 m² for flat plate collectors
- Proof of buffer storage of at least 50 liters / square meter of gross collector area for vacuum tubes and vacuum flat plate collectors and 40 liters / square meter of gross collector area for flat plate collectors

YOUR QUESTION WAS NOT ANSWERED? CONTACT US NOW – WE WILL TELL YOU ALL ABOUT SOLAR THERMAL SYSTEMS.

ONLINE CONTACT

DIN CERTCO Gesellschaft für
Konformitätsbewertung mbH
Alboinstrasse 56
D-12103 Berlin
Tel: +49 (0)30 7562-1131
Fax: +49 (0)30 7562-1141
info@dincertco.de

www.dincertco.de/en/



TÜVRheinland®
DIN CERTCO

Precisely Right.