

# RECOGNITION

**Testing Laboratory**      **Fraunhofer-Institut für  
Solare Energiesysteme ISE  
Heidenhofstr. 2  
79110 Freiburg im Breisgau  
GERMANY**

**Testing Laboratory**      See annex

**Testing basis**             DIN EN ISO/IEC 17025:2018-03

**Mark of conformity**      **DIN CERTCO**  
Anerkanntes Prüflaboratorium


**Registration No.**          PL277

**Valid until**                2028-03-21

**Right of use**                This recognition confirms that the testing laboratory has the required competence to carry out tests within the certification procedures of DIN CERTCO in accordance with the specified standards for the products listed in the annex.

The testing laboratory operates here in accordance with the aforementioned test basis and is granted the right to use the above mark of conformity in conjunction with the corresponding registration number.

See annex for further information

2024-01-24   
Dr. Klaus Kock  
Managing Director



# ANNEX

**Recognition**

PL277 dated 2024-01-24

**Approval Scope**

Product(s)	Test basis	Location(s)
Air/Water Heat pumps	DIN EN 14511-1; DIN EN 14511-2; DIN EN 14511-3; DIN EN 14511-4:2018-05 DIN EN 14825:2016-10 DIN EN 16147:2017-08 DIN EN 12309-6:2015-03 DIN EN 12309-7:2015-03 DIN EN 12309-5:2015-03 European KEYMARK Scheme for Heat Pumps Version 12 (2023-03)	Freiburg
Control Equipment for Solar Thermal Systems	Solar KEYMARK Scheme Rules (2022-06)	Freiburg im Breisgau

# ANNEX

**Recognition**

PL277 dated 2024-01-24

**Approval Scope**

Product(s)	Test basis	Location(s)
Exhaust air/Water Heat pumps	DIN EN 14511-1; DIN EN 14511-2; DIN EN 14511-3; DIN EN 14511-4:2018-05 DIN EN 14825:2016-10 DIN EN 16147:2017-08 DIN EN 12309-6:2015-03 DIN EN 12309-7:2015-03 DIN EN 12309-5:2015-03 European KEYMARK Scheme for Heat Pumps Version 12 (2023-03)	Freiburg
Storage Water Heater	Solar KEYMARK Scheme Rules (2022-06)	Freiburg im Breisgau
Thermal solar systems and components - Custom built systems	Solar KEYMARK Scheme Rules (2022-06)	Freiburg im Breisgau
Thermal solar systems and components - Factory made systems	Solar KEYMARK Scheme Rules (2022-06)	Freiburg im Breisgau

# ANNEX

**Recognition**

PL277 dated 2024-01-24

**Approval Scope**

Product(s)	Test basis	Location(s)
Thermal solar systems and components - Solar collectors	Solar KEYMARK Scheme Rules (2022-06)	Freiburg im Breisgau
Water/Water incl. Brine/ Water Heat pumps	DIN EN 14511-1; DIN EN 14511-2; DIN EN 14511-3; DIN EN 14511-4:2018-05 DIN EN 14825:2016-10 DIN EN 16147:2017-08 DIN EN 12309-6:2015-03 DIN EN 12309-7:2015-03 DIN EN 12309-5:2015-03 European KEYMARK Scheme for Heat Pumps Version 12 (2023-03)	Freiburg

**Head of laboratory**

Dr. Korbinian Kramer

**Deputy**Solar thermal area: Stefan Mehnert  
Heat pumps area: Ivan Malenkovic