



# SG Ready: Changes to the Interface Specifications and Labeling Regulations

# Technical Interface Specifications 1.0



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- The SG Ready regulations 2.0 cover both the allocation of the SG Ready label and the description of the technical interface.
- The existing interface description will now be maintained under version 1.0. The description is adopted from the existing regulations.
- There are no changes compared to the SG Ready regulations 2.0.

# Technical Interface Specifications 1.1



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## Space-Heating Heat Pumps

- The interface has three operating states. Operating State 4 (switch-on command) is omitted.
- The first input (SG1, formerly EVU) is prioritized, so increased operation is prohibited when SG1 is closed.
- Operating State 1 (limitation of power consumption) can be implemented in three variants:
  - 0 kW power consumption,
  - Specification of the maximum power consumption by the manufacturer, or
  - Specification of the maximum power consumption during the installation of the heat pump system.

# Technical Interface Specifications 1.1

## Space-Heating Heat Pumps

- The time limitation to two hours in Operating State 1 is removed.
- The partial thermal storage filling for bridging the utility lock (see Operating State 1) is removed in Operating State 2.
- Regulatory consideration of:
  - Manufacturer-specific contact designations,
  - Heat pump networks,
  - Permissible control voltages,
  - Documentation of state changes.

# Technical Interface Specifications 1.1

## Domestic Hot Water Heat Pumps

- Operating State 1 (limitation of power consumption) is expanded. The prioritization of the first input (SG1) is adopted from space-heating heat pumps. It only needs to be implemented by Controllable Consumption Devices (SteuVE) according to §14a EnWG.
- Regulatory consideration of:
  - Manufacturer-specific contact designations,
  - Heat pump networks,
  - Permissible control voltages,
  - Documentation of state changes.

# Technical Interface Specifications 1.1

## Interface-Compatible System Components

- The mandatory implementation of the control functions corresponding to the two-hour utility lock is removed.



# Granting Regulations 3.0



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## Granting the Label

- Models that have been labeled as meeting the SG Ready regulations 2.0 also comply with the SG Ready granting regulations 3.0.
- The implemented interface is not affected by the transition to the SG Ready awarding regulations 3.0. SG Ready labels that certify the implementation of the technical interface 1.0 can continue to be extended.
- Model and model range definitions, as well as for identical designs, are expanded.
- The validity period of the certification changes to the period from the beginning of a calendar year or the certification date until the end of the calendar year.
- The transition phase for the technical interface runs until 31.12.2025.

# Granting Regulations 3.0

## Database

- Implementation specifics and model data are increasingly disclosed in the database.
- Labels are provided with a QR code for verification purposes.
- The implemented interface version is displayed on the label and in the database.

