

Energy-efficient into the future

The stationary fuel cell system by Bosch



Inside the solid oxide fuel cell system

 Natural gas  Biogas  Hydrogen



Highly efficient power source



Decentralized power source



Ready for H₂ & a net-zero future



- 1 A stack of several hundred cells – the heart of the unit
- 2 Recirculator
- 3 Reformer
- 4 Heat exchanger
- 5 Inverter

 Electricity  Heat

Technical data

>85%
Overall efficiency

>60%
Electrical efficiency (AC)

10 kWel
Electrical power (AC)

>3 kWth
Thermal power

From cell to microgrid

Cell

Stack

Hotbox

Unit

Microgrid
Physical & virtual

