



## Mercedes-Benz Energy Storage



Lithium-ion technology „Made in Germany“

Modular construction (2.5 kWh to 20 kWh)

Expected number of cycles: 8,000

97 % efficiency (Round-Cycle)

Designed and tailored to your needs

**Exclusive with EXYTRON:**

**12 years original value  
replacement warranty!**

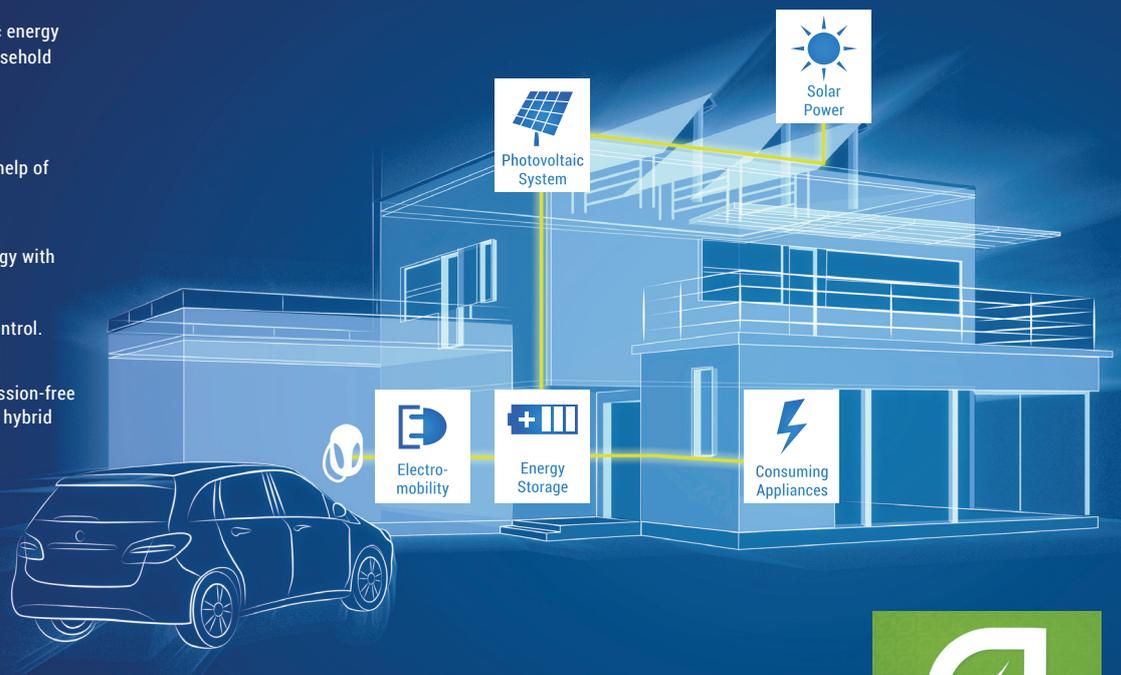
Use your solar power even when the sun is not shining.  
For more independence in energy supply.

 During the day, more photovoltaic energy is mostly produced than your household consumes.

 Excess energy is stored with the help of Mercedes-Benz Energy Storage.

 Up to 65 % of self-generated energy with our complete solution: Mercedes-Benz Energy Storage, battery inverter and intelligent control.

 Optional charging station for emission-free recharging of electric and plug-in hybrid vehicles with stored energy.



EXYTRON GmbH · Schonenfaherstr. 5 · 18057 Rostock  
Tel. +49 381 - 367 677 30 · Fax +49 381 - 367 677 60  
batteriespeicher@exytron.com · [www.exytron.com](http://www.exytron.com)



**GreenTec  
Awards**

Winner 2016

awarded in the category Start-up Special Award  
ausgewählt in der Kategorie Start-up Sonderpreis

EXYTRON GmbH

unlimited capacity

high efficiency

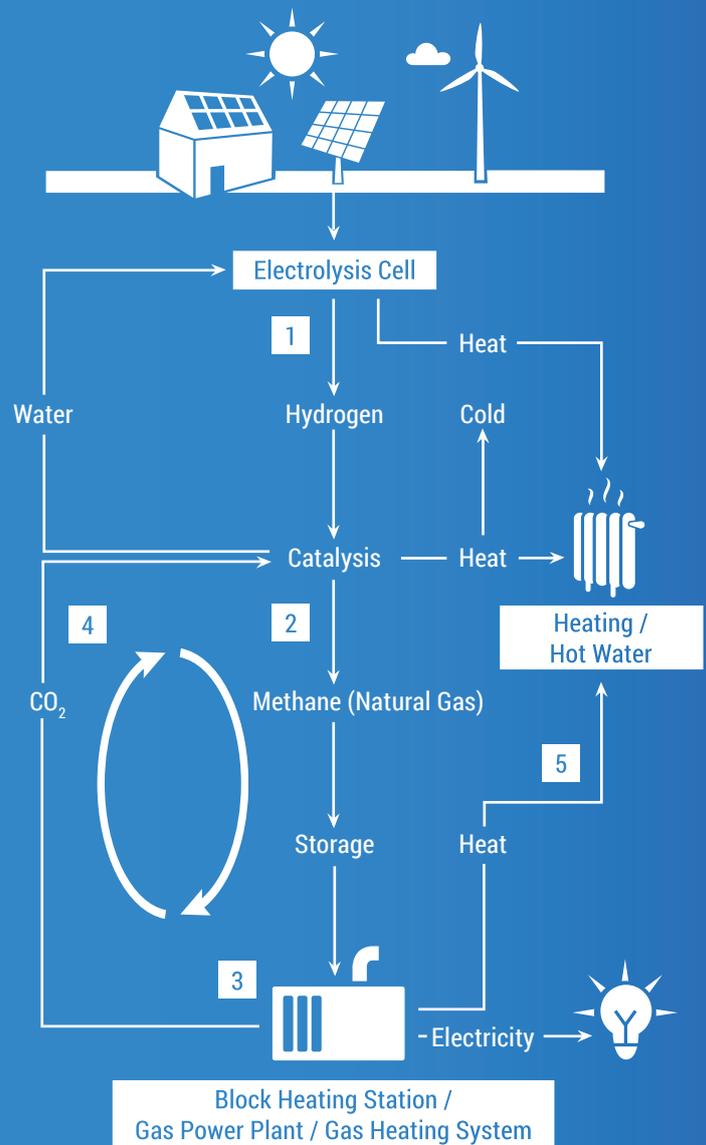
autarkic

without any CO<sub>2</sub> emission in spite of gas combustion

off-grid-solution / on-grid-installation

### How it works:

- 1 An electrolyzer generates hydrogen and oxygen from distilled water by using electricity out of renewable sources.
- 2 EXYTRON developed catalyst generates methane from hydrogen and carbon dioxide (CO<sub>2</sub>), a high-quality natural gas.
- 3 The high-quality natural gas can be burned with condensing heaters or incinerated block heat and power plants.
- 4 The climate killer CO<sub>2</sub> is collected and recycled directly back into the catalyst.
  - ▶ With EXYTRON ZeroEmissionTechnology no harmful CO<sub>2</sub> and no nitric oxides are released into environment!
- 5 The electrolysis and methanation generate sufficient heat for heating purposes which can be used for hot water supply, power supply or refrigeration.
  - ▶ So the SmartEnergyTechnology operates at efficiencies of up to 80 % and enables economical supply of electricity and heat (cold)!



**Start your energy revolution now!**

EXYTRON GmbH · Schonenfaherstr. 5 · 18057 Rostock  
 Tel. +49 381 - 367 677 10 · Fax +49 381 - 367 677 99  
 info@exytron.com · www.exytron.com



**GreenTec Awards**

Winner 2016

awarded in the category Start-up Special Award  
 ausgezeichnet in der Kategorie Start-up Sonderpreis

EXYTRON GmbH