



Secure Energy Supply for Data Centers

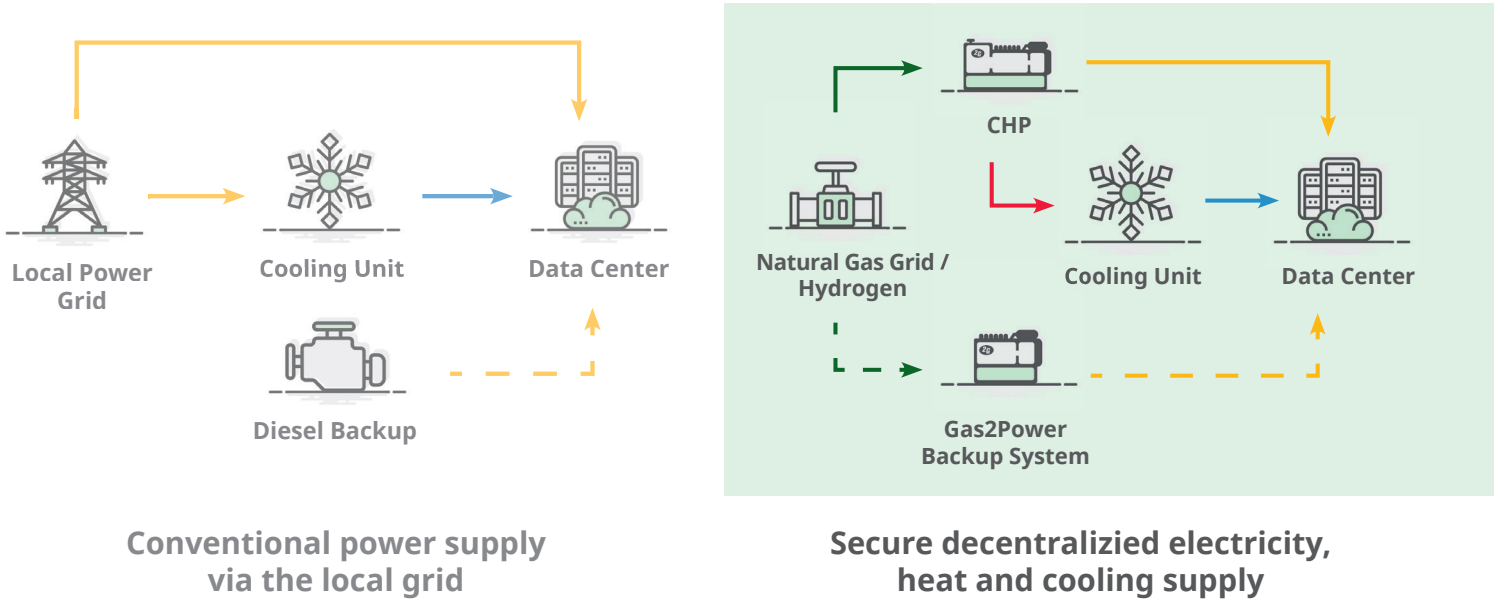
1 MW bis 200 MW



Energy Solutions for Data Centers

2G CHP concepts and Gas2Power solutions

A guaranteed power supply is a prerequisite for the safe and efficient operation of data centers. 2G CHP and Gas2Power concepts provide solutions that ensure energy autonomy, reliability, and sustainability—even in the most complex situations.



Island Operation Today – Revenues on the Electricity Market Tomorrow

Operate your power plant in stand-alone mode today to ensure a secure energy supply, even without access to the public grid. If a connection to the public grid becomes available later, the power plant installation can also unlock additional revenue potential for the site. During periods of supply shortages caused by fluctuations in renewable energy, your power plant can help stabilize the grid—flexibly, quickly, and reliably.

Quick start

Up to 99,999 % availability

Microgrid/ Island operation possible

Low emissions thanks to 2G-SCR

High efficiency

Remote monitoring with scheduled maintenance interval

A large green industrial engine, likely a CHP unit, is shown. It has a 'HYDROGEN PROVEN H2' logo on its side.

Plug and Play Container Solutions

Turnkey, ready-to-use, and tailored to your requirements

2G products offer a highly efficient way to reliably supply data centers with electricity, as well as heat or cooling. Our ready-to-connect container solutions integrate seamlessly into your environment and provide exactly the equipment needed for the energy-efficient operation of your data center. This enables the flexible, space-saving, and cost-effective implementation of modern energy concepts.

These features apply to all container solutions:

Turnkey and standardized

Low noise emissions

Low project risk

Fast delivery and installation

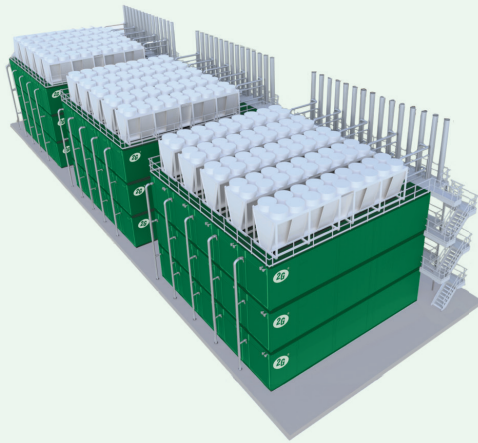
Suitable for high ambient temperatures

Easy approval

Stackable Container Solution

- Module: avus 1000plus
- Power: 1.035 kW_{el} per container
- Efficiency: up to 43,7 % el
- Noise emission: up to 55 dB(A) at 10m
- Stackable containers

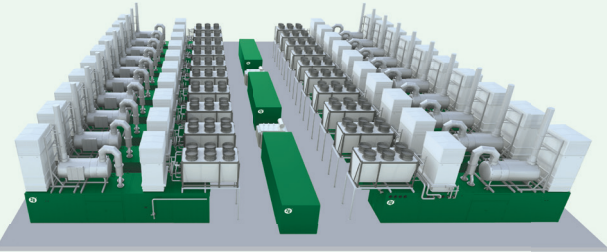
Image (Beispiel):
45 MW_{el} | 55 m x 14 m



Standard Container Solution

- Module: avus 2000
- Power: ~ 2.500 kW_{el} per container
- Efficiency: up to 44,1 % el
- Noise emission: up to 58 dB(A) at 10m
- Standard container

Image (example):
50 MW_{el} | 45 m x 45 m



Other sizes on request



We look forward to your inquiry.
Scan the QR code now to request a quote!

