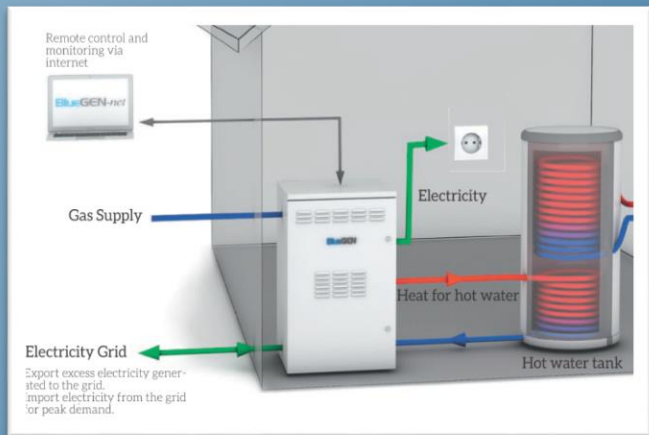


**Aris Energy Solutions partnering with SolidPower Introduces:**  
*The most efficient fuel cell in the world, which recently completed UL Field testing at Brookhaven, in operation.*



- kW to MW modular, flexible
- Highest electrical efficiency
- CHP mode – Heat recuperation: 85% total efficiency
- Indoor, simple installation (equivalent to a gas boiler)
- Low-pressure gas: 9–20mbar 0.13 – 0.30 PSI
- Modulation – Load following possible

- **13 million operating hours**
- **800+ installations,**
- **10y service contract**
- **CE certification in Europe, UL in process**
- **Lowest manufacturing cost**



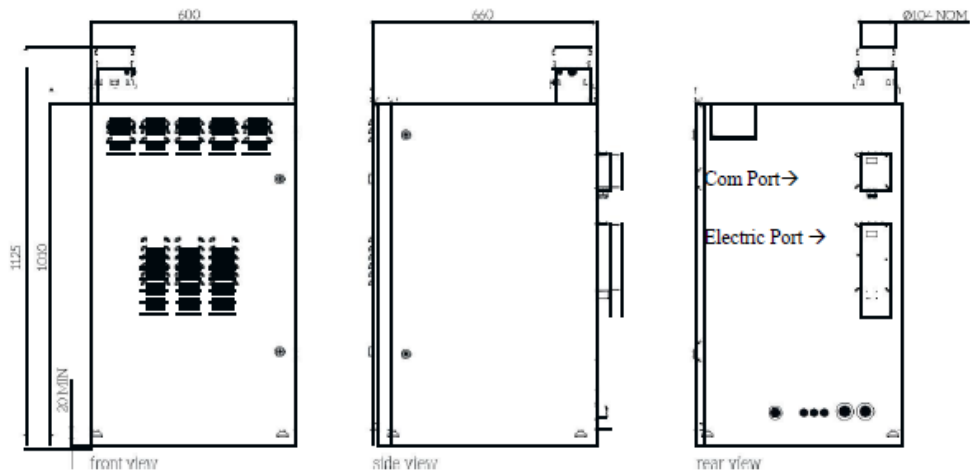
**BlueGEN** platform



- **Worldwide Record efficiency : 61%**
- **NET AC, delivered onsite, in CHP mode.**
- **Single system availability >98%**
- **Historic durability record broken by SP material system (70'000 hours)**

# Technical specifications

Operation mode	Power-led, continuous (approx. 8,700 h per year)
Fuel type	Natural gas, bio-methane
Fuel cell technology	SOFC (Solid Oxide Fuel Cell)
Fuel consumption <sup>1)</sup>	8.5 MBH
Electrical efficiency <sup>1)</sup> (output)	Up to 60 % (1.5 kW)
Thermal efficiency <sup>1)</sup> (output)	Up to 25 % (0.6 kW)
Overall efficiency <sup>1)</sup>	Up to 85 %
Electrical energy generated per year <sup>1)</sup>	~ 13,000 kWh <sub>el</sub>
Thermal energy generated per year <sup>1)</sup>	~ 5,220 kWh <sub>th</sub>
Control	Remote monitoring and control via Internet
Weight, Dimensions (H x W x D)	430 lb, 39.7 x 23.6 x 26 in
Noise level	< 47 db (A)
Service interval <sup>2)</sup>	12 months
Full maintenance service	Yes (120 months)
Subsidies	Subsidy programmes differ by country. Please contact your local distributor to find out more.



- 1) At maximum electrical efficiency, nominal output of 1.5 kW  
 2) Replacement of filters depending on local water, air and gas quality

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