



FUEL CELL PRODUCTS FOR PRIME POWER GENERATION

The energy landscape is changing fast. Get yourself some traction.

GenSys combined heat and power systems provide clean, continuous power for on-site residential and light commercial applications – and they are proven. Hundreds of units have been installed around the world, helping organizations like yours adapt to the dramatic changes taking place in the power generation industry.

Designed to run in parallel with the grid, GenSys converts readily available fuels into electrical and thermal power. During a grid outage, it seamlessly transfers to standby mode to provide uninterrupted power to critical loads; when service is restored, the system resumes its normal grid-parallel mode of operation.

**If you have the grid,
Plug Power has the grit.**

Plug Power is determined to make your GenSys experience proof positive of fuel cell technology. Every unit we ship comes with ongoing, collaborative support. Together we can put future power generation to work – today.

E-mail us at kimsb@hstrading.co.kr or visit www.hstrading.co.kr to learn more.



Efficient, modular design.



- 1 Fuel Processing Module
converts natural gas into hydrogen.
- 2 Power Generation Module
combines hydrogen with air to create DC power.
- 3 Power Electronics Module
converts DC power to AC power for use in residential or commercial applications.
- 4 Energy Storage Module
ensures continuity of power during system transients.
- 5 Thermal Management Module
optimizes system performance and provides heat for use in the facility.

PRODUCT CHARACTERISTICS

5C

4C



PRODUCT CHARACTERISTICS		5C	4C
Physical	Size (L x W x H)	84 1/2" x 32" x 68 1/4"	•
Performance	Continuous Power Rating	5kWe (9kWth)	4kWe (9kWth)
	Power Output	2.5-5kWe (3-9kWth)	2.5-4kWe (3-9 kWth)
	Voltage	120/240 VAC @ 60Hz	100/230 VAC @ 50Hz
	Power Quality	IEEE 519	•
	Emissions	NOX <1ppm	•
		SOX <1ppm	•
Noise <60 dBA @ 1 meter		•	
Operating Conditions	Temperature	0°F to 104°F	•
	Elevation	0 to 6000 feet	•
	Installation	Outdoor	•
	Electrical Connection	Grid Parallel	•
	Fuel	Natural Gas	•
Certifications	Power Generation	CSA International	•
	Power Conditioning	UL	—
	Electromagnetic Compliance	FCC Class B	—

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Specifications subject to change without notice.