

GENSURE HP FUEL CELL GENERATORS **Zero-Emission Power for Large-Scale Applications**

Plug Power's GenSure HP zero-emissions hydrogen fuel cell: efficient, environmentally-responsible energy. Designed for large-scale backup power applications using our 125kW ProGen fuel cell engine, our GenSure products enable growth and capacity expansion in all regulatory environments with a solution that is more rapidly deployable and has reduced maintenance and higher reliability than a combustion generator. The GenSure HP fuel cell is fueled by hydrogen to provide extended emission-free runtime for critical equipment. Turnkey packages include power, fuel, installation/permitting, and aftermarket service, taking complexity out of the equation and enabling a seamless transition to hydrogen fuel cell-based power.

Proven. Rugged. Reliable. Clean. Plug Power has installed several thousand GenSure fuel cells of various sizes at customer sites around the United States in 36 other countries. Material handling professionals have deployed more than 30,000 GenDrive fuel cells in their operations. Our customers have completed over 25 million hydrogen fills - using more than 27 tons of hydrogen each day. Plug Power products are field-proven through snow and icestorms, hurricanes and other severe weather events. Because the only emissions are warm air and a small amount of water, GenSure fuel cell products are exempt from the most stringent air quality standards and are a valuable component of corporate sustainability efforts. Plug Power makes it easy to replace your high power combustion generators with clean, reliable fuel cell power.

GENSURE™



Powering Your Possibilities.

HIGHLY RELIABLE

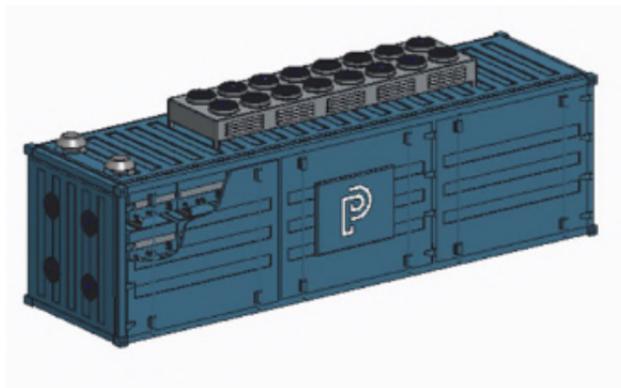
Plug Power's GenSure fuel cell systems perform in hot and cold, humid and arid environments. With minimal moving parts and optional built-in redundancy, these fuel cells are proven to perform reliably in real world conditions.

ZERO-EMISSION / QUIET OPERATION

GenSure fuel cell systems offer zero-emission, quiet operation and are not subject to fuel spill containment and air quality reporting requirements. Our products support load peak shaving and demand response programs without impacting emissions and operating hour limitations.

MINIMAL MAINTENANCE

Fuel cell health and fuel levels may be remotely monitored. Simple maintenance and fewer site visits mean significantly lower operational costs when compared to combustion generators. Infinite hydrogen storage life eliminates expensive fuel polishing requirements associated with combustion generators



LOW ACOUSTIC SIGNATURE

Quiet operation enables GenSure fuel cell solutions to be located anywhere power is required, even in acoustically-sensitive locations.

CONFIGURATION	500KW	1MW	1.5MW
OUTPUT			
MINIMUM ELECTRICAL OUTPUT POWER (CONT)	150kWe		
MAXIMUM ELECTRICAL OUTPUT POWER (CONT)	500kWe	1MWe	1.5MWe
DUTY CYCLE	Stand-by, Prime		
ELECTRICAL EFFICIENCY (PEAK)	>45%		
SYSTEM OUTPUT VOLTAGE	900 VDC (nominal)		
PHYSICAL			
DIMENSIONS	10' ISO Container	30' ISO Container	
WEIGHT	5,000 kg	9,500 kg	15,000 kg
PROTECTION	NEMA 3R Outdoor rated enclosure		
OPERATIONAL			
AMBIENT TEMPERATURE	-30°C to 50°C		
DESIGN LIFE	15 years (Stand-by)		
ELECTRICAL INPUT POWER (START-UP)	13kW	26kW	40kW
NOISE	<65dBA at 150'		
EMISSIONS	Zero Emissions		
OUTPUT HEAT LOAD	750kW (max)	1.5MW (max)	2.25MW (max)
EXHAUST GAS TEMPERATURE	<80°C		
FUEL			
FUEL (FULL SPEC AVAILABLE ON REQUEST)	99.95% Hydrogen		
ENERGY STORAGE	In excess of 48 hours of usable on-site storage (various storage options available)		

Specifications subject to change without notice. Information based on standard products working under normal operating conditions.

Corporate Headquarters
968 Albany Shaker Road
Latham, NY 12110
518.738.0320

PLUGPOWER.COM
gensure@plugpower.com



062020