

GENSURE E-200 FUEL CELL **Power for Critical Stationary Applications**

Plug Power's GenSure E-200™ hydrogen fuel cell - clean, highly reliable power wrapped in a compact, economical package. Designed specifically for small-scale backup power applications within the railroad, telecommunications, utility, transportation and government sectors, the E-200 fuel cell system increases the site reliability for critical equipment while affordably providing hundreds of hours of highly reliable runtime between refueling visits. When all factors are taken into consideration, customers have found that fuel cells are far less expensive to own and maintain than conventional power sources.

Proven. Rugged. Reliable. Clean. Plug Power has installed more than 3,800 GenSure fuel cells at customer sites across the United States and 36 other countries. With more than 100 million installed hours of site power protection, GenSure products are field-proven through snow and ice storms, hurricanes and other severe weather events. Because the only emissions are warm air and a small amount of water, the E-200 is exempt from the most stringent air quality standards and is a valuable component of corporate sustainability efforts.

GENSURE™



Powering Your Possibilities.

SCALABLE FOR HIGHER CAPACITY APPLICATIONS

GenSure E-200 fuel cells may be used solo for power requirements under 200W or in multiples for power requirements up to 600W. Flexible outdoor cabinet options allow you to purchase the amount of power you need now and upgrade if requirements change in the future.

FLEXIBLE INSTALLATION OPTIONS

More than 30 possible product configurations make the complexities of your power requirements simple. Field-selectable voltage conversion makes changes easy.

ENVIRONMENTALLY-HARDENED

Power solutions need to perform wherever your equipment is located. Plug Power's GenSure fuel cells perform in hot and cold, humid and arid environments. Certification testing has confirmed their capabilities in wind-driven rain, brush fire and earthquake conditions. More importantly, these fuel cells perform reliably in real world conditions.



COST-EFFECTIVE

Required fuel cell maintenance is limited to an annual air filter exchange. Fuel cell health and fuel levels may be remotely monitored. Simple maintenance and fewer site visits mean up to 84% lower operational costs when compared to combustion generators. Clean, zero-emissions operation means not having to address fuel spill containment and air quality reporting requirements.

PRODUCT SPECIFICATIONS		
PHYSICAL	DIMENSIONS (W X D X H)	3.38" x 18.75" x 17.25" / 8.6cm x 47.63cm x 43.8cm
	WEIGHT	16.5 lbs / 7.5 kg
	MOUNTING	19" or 23" rack mount
PERFORMANCE	RATED POWER	200W (16.6A @ 12V / 8.3A @ 24V / 5.5A @ 36V / 4.1A @ 48V)
	DC VOLTAGE	12 / 24 / 36 / 48V nominal - field-selectable
OPERATION	AMBIENT TEMP	23°F to 122°F / -5°C to 50°C (Optional -40°F to 122°F / -40°C to 50°C in hardened outdoor cabinet)
	RELATIVE HUMIDITY	0-95% non-condensing
	ALTITUDE	-197 ft to 13,800 ft / -60m to 4,206m
	LOCATION	Indoors or hardened outdoor cabinet
EMISSIONS	WATER	Max 8mL / 200W (primarily vapor)
	NOISE	51.6dBA@23ft (7m) / 65dBA@4.9ft (1.5m)
MONITORING/CONTROL	REMOTE	System configuration & status / Historical & operational data
	COMMUNICATIONS	Standard: USB / Dry contact / Ethernet / SNMP / Web interface Optional: Wireless modem - CDMA / GSM / Ethernet switch
FUEL: STANDARD INDUSTRIAL-GRADE HYDROGEN (99.95%)		
	SUPPLY PRESSURE TO UNIT	8 to 12 psig / 55.1 to 82.8 KPag / 0.55 bar to 0.83 bar
	CONSUMPTION	3 slpm @ rated power
	H₂ STORAGE CAPACITY	n/a (multiple fueling solutions available separately)

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

West Coast
15913 E. Euclid Ave.
Spokane, WA 99216
509.228.6500



PLUGPOWER.COM
gensure@plugpower.com

122015