

GENFUEL<sup>®</sup>

## THE ALLAGASH ELECTROLYZER STACK Best-in-class life expectancy of 80,000 hours

The Allagash electrolyzer is the only 1MW stack designed and built in the United States. The Allagash is the product of over 47+ years of experience in cutting-edge PEM electrolyzer technology.

- Designed for energy storage, green hydrogen fueling stations, and industrial applications
- Offers best-in-class price performance from 20 Nm<sup>3</sup>/hr to 200 Nm<sup>3</sup>/hr (41.2 kg/d to 431 kg/d)
- Break-through rectangular shape design makes modular system design easy
- Environmentally-friendly and virtually maintenance-free
- High efficiency ensures minimal waste and maximum return on investment - stack efficiency up to 88.4%
- World class lifetimes with stable operating voltages



Your full-service hydrogen  
fueling system.



**THE ALLAGASH PROVIDES MODULAR BUILDING BLOCKS OR TURNKEY SYSTEMS TO SUPPORT YOUR ENERGY STORAGE, HYDROGEN FUELING STATION, AND INDUSTRIAL NEEDS.**

## PRODUCT SPECIFICATIONS (STACK)

SPECIFICATION	UNITS	ILLUSTRATIVE H2 FLOW RATES		
HYDROGEN FLOW RATE	NM <sup>3</sup> /H	50	100	200
OXYGEN FLOW RATE	NM <sup>3</sup> /H	25	50	100
OPERATING PRESSURE	BARG	1 TO 40		
VOLTAGE*	V	64.4	130.9	259.8
CURRENT	A	375 TO 3750		
OPERATING TEMPERATURE	°C	5°C TO 70°C		
DEIONIZED WATER FLOW	L/M	240	488	968
NUMBER OF CELLS	--	32	65	129
DIMENSIONS (W X D X H)	CM	81.3 X 106.6 X 131.6	81.3 X 106.6 X 141.0	81.3 X 106.6 X 173.6
EFFICIENCY	--	Up to 88.4%		
LIFE EXPECTANCY	--	Stack: 80,000 hours		
CERTIFICATIONS	--	CE / ASME / NFPA (inquire about additional requirements)		

Product specifications are subject to change without notice.

\*BOL, 70°C

**Corporate Headquarters**  
 968 Albany Shaker Road  
 Latham, NY 12110  
 518.738.0320

**PLUGPOWER.COM**  
 electrolyzers@plugpower.com



032021