

GENFUEL[®]

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 Nm³/hr to 200 Nm³/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 ³ /H	50	100	200
OXYGEN FLOW RATE	NM ³ /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 60°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 / ATEX (inquire about additional requirements)		

Product specifications are subject to change without notice.

*BOL, 60°C

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