

THE MERRIMACK ELECTROLYZER

Cost effective mid-range hydrogen production!



Giner ELX leads the world in PEM electrolysis. With 45 years of profitable growth, Giner ELX continues to develop and patent cutting edge PEM technology and products. **If you want the best in PEM technology, contact Giner ELX today to discuss your requirements.**

The Merrimack offers unprecedented operating efficiencies at high current densities.

- Designed for energy storage, hydrogen fueling stations, and industrial applications.
- Offers best-in-class price-performance from 1 Nm³/hr - 30 Nm³/hr (2Kg/d - 65Kg/d).
- Turn-down ratio of 10:1 and millisecond ramp times enable easy demand management.
- High operating temperatures and differential pressures minimize BoP costs.
- Offers world-class lifetimes with stable operating voltages.

Call us to discuss how Giner ELX can make your hydrogen generation project a success.

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Giner ELX can also provide complete turnkey systems to meet your needs!

Merrimack Stack Technical Specifications

Specification	Units	Illustrative H ₂ Flow Rates			
Hydrogen Flow Rate	Nm ³ /h	5	10	20	30
Oxygen Flow Rate	Nm ³ /h	2.5	5	10	15
Operating Pressure	barg	← 1 - 40 →			
Voltage*	V	27	54	109	163
Current	A	← 90 - 900 →			
Operating Temperature	°C	← 5°C - 70°C →			
Deionized Water Flow	l/m	25	50	100	150
Number of Cells	--	14	28	56	84
Dimensions (Ø x H)	cm	43.6 X 28.7	43.6 X 35.2	43.6 X 50.2	43.6 X 64.6

*BoL, 70°C

Merrimack provides world-class PEM electrolysis technology and modular building blocks to support your energy storage, hydrogen fueling station, and industrial needs.

Call us to learn more about how Giner ELX can help you

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