

HYDROGEN POWERED GENERATORS



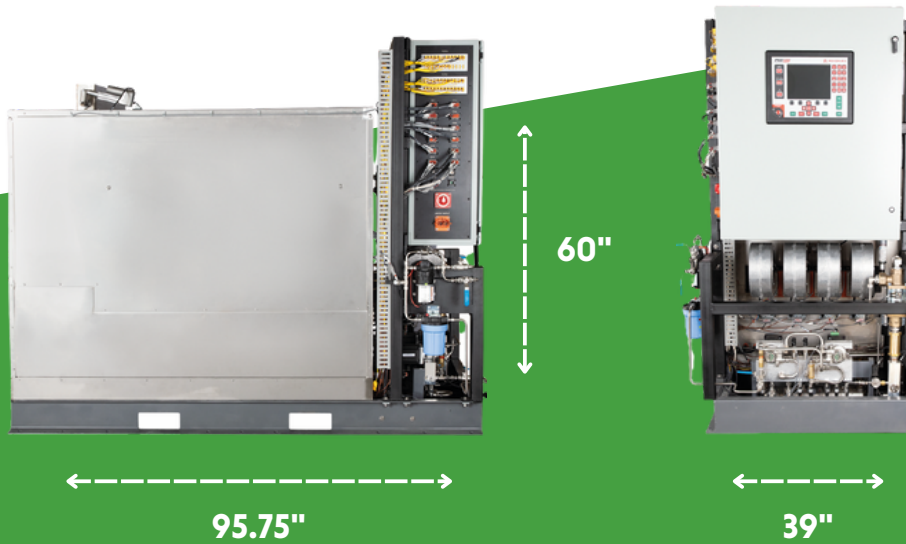
CAPACITY FROM 100 KW TO MULTI-MW'S

EASY INSTALLATION. HIGH EFFICIENCY. LESS MAINTENANCE.

GENERAL SPECIFICATIONS

Characteristic	Description	Benefit
Operating Temperature	400C	Lower Cost & Emissions
Fuel	Methanol & Water	Lower Fuel Costs
Key Equipment	H2 Reformer; Fuel Cells; Battery & Inverters	Proven Technology
Controls	Remotely Monitored	Peace of Mind
System Output	480V 3-Phase or Hydrogen	Multiple Uses
System Power	100 kW to Multi-MW	Efficiency & Scalable
Emissions Profile	No local emissions	Streamline Permitting

(1) HYDROGEN GENERATOR = ~150 KW



Decentralize

Have the ability to charge or leverage emergency power anywhere.



Scale

No matter your scale, our modular hydrogen generators have you covered.



Control

You can charge anywhere and never run the risk of losing power.

SAFETY AND EMISSION STANDARDS

General Guidelines	NFPA 2
Hydrogen Reformer	ANSI / CSA FC5 (Similar to ISO 16110-1-2007)
Process Piping	ASME B31.3, B31.12, and Section 8 VIII
Buffer Tank	GCA Publication PS33
Fuel Cell	IEC-62282-5-100 & -500
H2 Venting	NFPA 2, 853, 54, & GCA Publication G5.5

CONTACT INFORMATION

ERIC SMITH | ERIC.SMITH@KAIZENCLEANENERGY.COM | (346) 337-7788 | KAIZENCLEANENERGY.COM