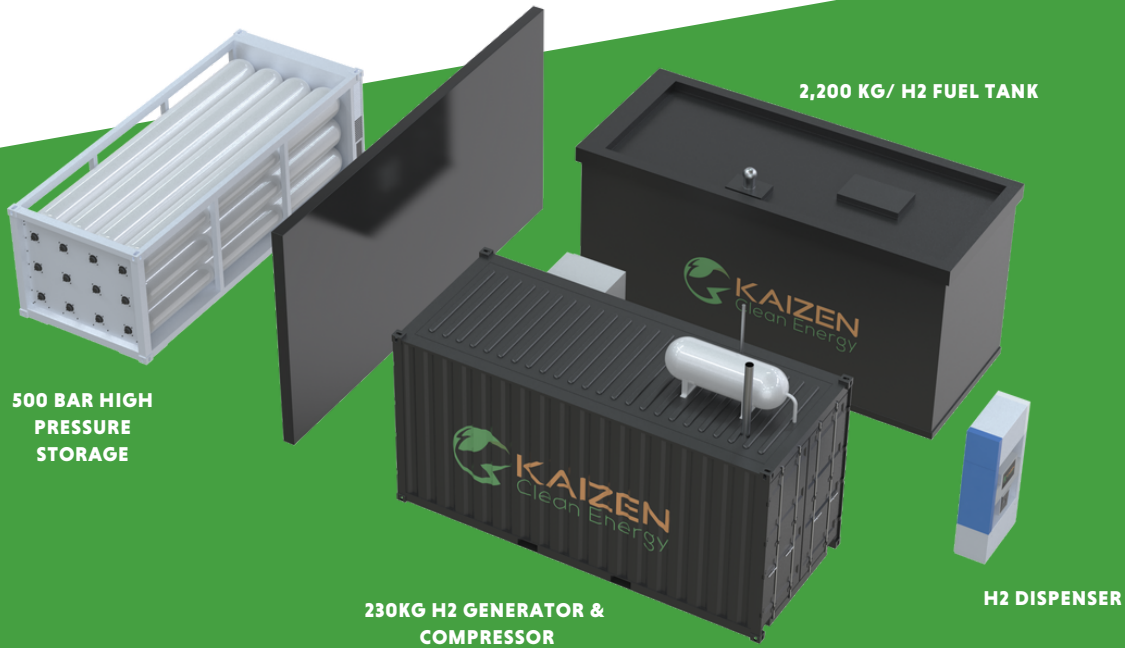


Produce Your Hydrogen Onsite
Cut Your Operations Cost >50%



230 KG/DAY H2 FUELING STATION



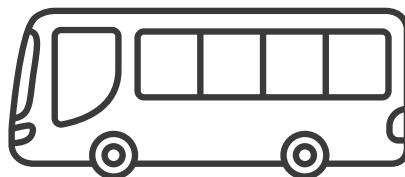
SIMPLE PROCESS TO LOWER OPERATIONS COST, INCREASE RESILIENCY, AND FLEXIBILITY

Operations Cost



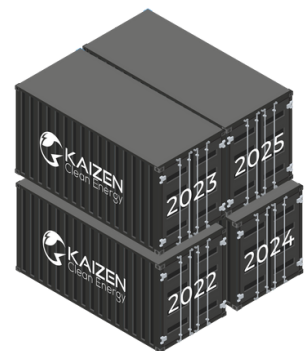
Hydrogen into the vehicle for \$5 to \$6/kg

Operations Resiliency



On-site fuel for up to 150 H2 bus refills

Compact and Scalable

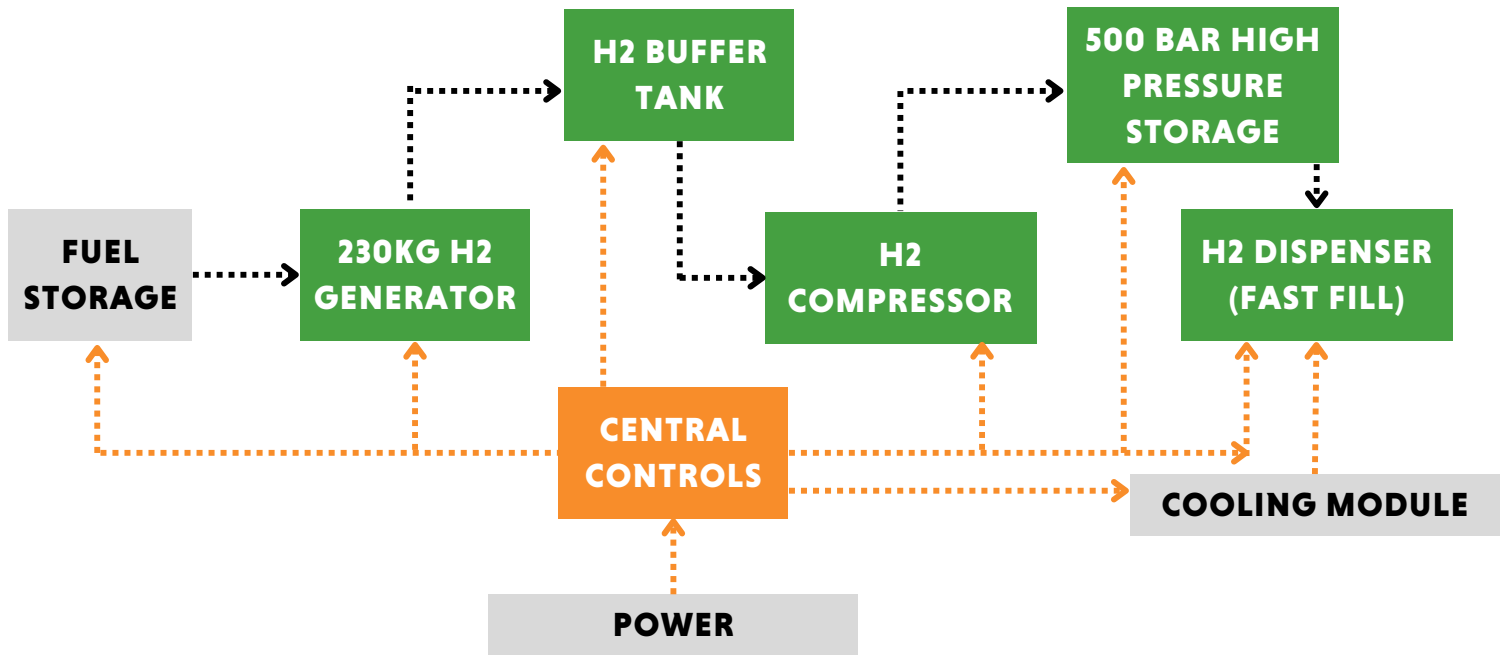


Scale equipment as your fleet expands

CONTACT INFORMATION

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HOW IT WORKS



EQUIPMENT

KCE H2 Reformer	230 kg/day
Low Pressure Buffer Tank	120 gallons
500 Bar H2 Storage	500 kg
H2 Compressor	500 Bar
H2 Dispensers	350 Bar (Fast Fill)
Fuel Tank	5,000 gallon / 2,200 kg of H2

PERFORMANCE

Hydrogen Quality	Fuel cell grade: ISO (14687:2019)
Power Required	70 kW
Per kg H2 Fuel Consumption	2.4 gallons methanol and 1.2 gallons of water
Local Emissions	No NOx, SOx or particulates

SAMPLE LIST OF SAFETY AND COMPLIANCE

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	CGA Publication PS33
H2 Venting	NFPA 2, 853, 54, & GCA Publication G5.5

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