

Kaizen CleanGen 200

Clean mobile power **where**
and **when** you need it

APPLICATIONS: EV Charging • Microgrids • Events & Concerts • Construction

- **OFF-GRID POWER**

200kW modular design scalable to MWs

- **MOBILE**

no permanent infrastructure

- **35–100% REDUCED CO₂**

versus diesel gensets

- **LONG DURATION POWER**

12+ day autonomy

- **LIQUID FUEL**

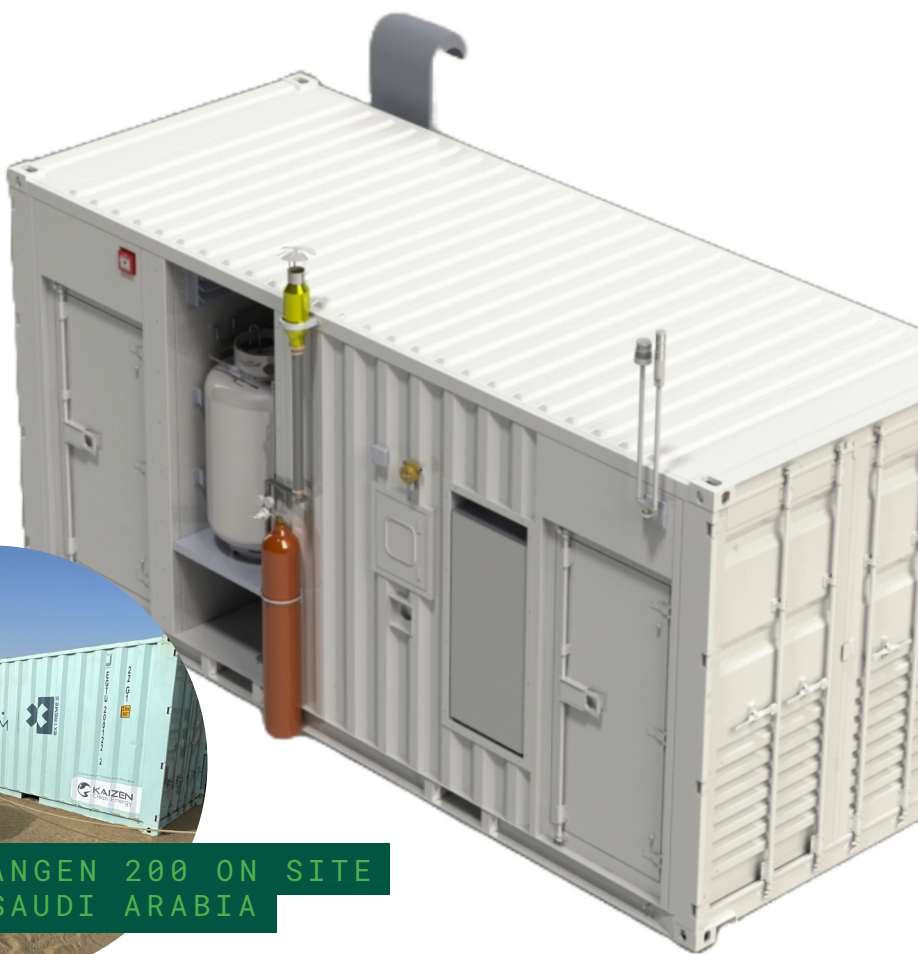
easy to refuel

- **LOW COST**

half the kWh cost of
diesel gensets

- **NO NO_x OR PM**

easy to permit



CLEANGEN 200 ON SITE
IN SAUDI ARABIA

HOW IT WORKS

5

POWER DELIVERY

DC fast charging
Grid forming & grid following

480V 3 PHASE

4

STORE/DISCHARGE

96kWh nickel-zinc battery
300kW peak discharge

3

GENERATE POWER

200kW PEM fuel cell

2

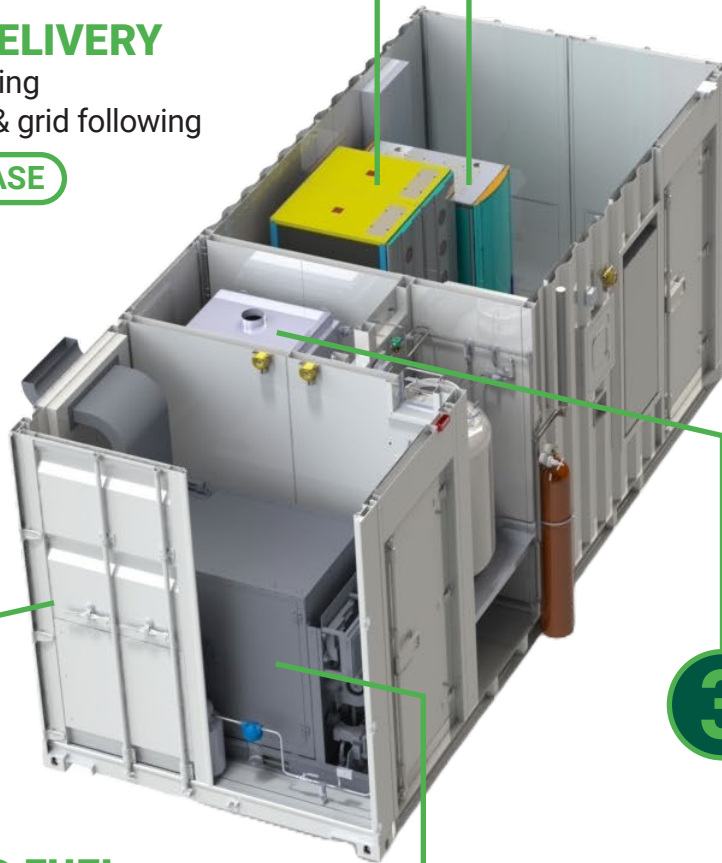
PRODUCE HYDROGEN

Produces 230kg per day

1

LIQUID FUEL

12+ days of on-site
energy storage



PERFORMANCE

Rated power	200kW / 250kVa
Peak power	300kW / 375kVa
Maximum energy	3.5MWh per day
Emissions	No NO _x , SO _x , particulates 35–100% CO ₂ reduction vs. diesel gensets 75db at 5m
Operating conditions	-15°F to 105°F
Dimensions	20ft x 8ft
Weight	15,000 lbs

FEEDSTOCK

Composition	67.5% methanol 32.5% deionized water
Consumption	33 g/h
On-site storage	20-ft tank = 48MWh 12+ day autonomy