



## Powering the future with hydrogen

Powergenx enables business to eliminate Scope 1 emissions from portable fossil fuel generators using our zero-emission hydrogen fuel cell technology.

**No emissions** – Reach ESG goals by reducing your carbon footprint.

**Clean and quiet** – No CO<sub>2</sub>, CO, or carcinogenic exhaust. Low noise.

**Portable** – Place exactly where power is needed. Eliminate long cable runs.

### Technical Benefits

- Hybrid design with internal battery for power system redundancy.
- Direct replacement for fuel or battery powered generators.
- Versatile hydrogen supply options.
- Can serve as a UPS backup or battery charger.



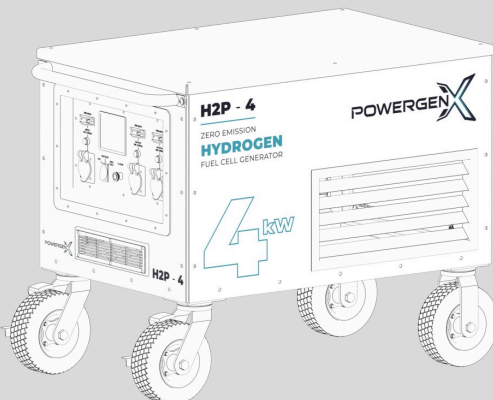
### Fuel Cells vs. Batteries

- Generates more energy per dollar.
- Offers long endurance operation.
- No grid needed to recharge.
- Hot swap hydrogen storage for continuous operation.

### Fuel Cells vs. Combustion Engines

- Zero emissions
- Near silent operation
- Reduced maintenance
- Stable voltage and frequency

H2P - 4 Generator



Dimensions	36" x 24" x 31"
Weight	272 lbs
Internal battery storage	5 kWh
Fuel cell output power	4 kW
Max continuous output - fuel cell + battery	5 kW for 4 hrs
Peak output (3 sec)	8.5 kW
Electrical output	2 x 20A, 120 VAC
H2 input pressure	80-100 psi
H2 quality	99.9% or higher
Operating ambient temperature range	40°F - 104°F
Storage temperature	-40°F - 158°F
Relative humidity	10% to 90%
Solar input	Up to 5 kW @ 150-500 VDC