



ElectricHydrogen provides a convenient, reliable and cost-effective fuel supply for fuel cells in remote, back-up power and transportation applications. EH onsite systems eliminate the challenges of getting H₂ to fuel cells by producing it locally and safely storing at low pressure - automatic & emission free Hydrogen. Flexible power input, modular and scalable H₂ generation and storage supports fuel demands up to 24 hours and 10kW. EH systems provide safe onsite hydrogen supply, without interruption.

		HG02 (Hydrogen Generation only)	HG & HS Enclosed ³ Fuel Supply (H ₂ Generation & Storage)
Physical	Dimensions	6U EIA19 Rack Mount x 22" deep [27cm tall x 55cm deep x 47cm wide]	21U Rack ³ in 46" t x 24" d x 24" w [116cm tall x 60cm deep x 66cm wide]
	Weight	55 lbs [25 kg]	up to 880 lbs [400 kg]
	Mounting	19" rack mount - 6U	Pad / Pole / Wall
Input	Electric circuit rating	1,600 Watts	1,600 Watts
	Current	9 to 40A depending on voltage	9 to 40A depending on voltage
	Voltage	100 to 250 VAC or 24 to 60 VDC	100 to 250 VAC or 24 to 60 VDC
	Water	De-Ionised ASTM Type I (min. 18 MΩ)	Potable Water ^{1,3} Internal water storage up to 40 litres ³
Output	Composition	Industrial grade hydrogen (99.9%)	Ultra High Purity hydrogen (99.9995%) ³
	Supply pressure to storage	up to 250 psig [17 barg]	up to 250 psig [17 barg]
	Supply pressure from storage	n/a	3 to 250 psig [0.2 to 17 barg]
	Hydrogen Flow rate ²	up to 3.5 slpm [0.2 Nm ³ /hr] or 5000 slpd	up to 200 slpm (peak) ³
	Hydrogen Storage Capacity	n/a	1 to 40 kWhre (up to 30 m ³ H ₂) ³
Operation	Ambient temperature	40°F to 115°F / 5°C to 46°C	40°F to 115°F / 5°C to 46°C
	Relative humidity	0 to 95% non-condensing	0 to 95% non-condensing
	Altitude	-197 ft to 6000 ft [-60m to 1800m]	-197 ft to 6000 ft [-60m to 1800m]
	Location	Indoors (or outdoor in enclosure)	Indoors or Outdoors

- Notes
- 1 Feedwater must be pressurised to 50 psig [350 kPa]
 - 2 Higher capacity hydrogen generation available
 - 3 Optional extra, factory built complete systems

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 Specifications subject to change without notification.

