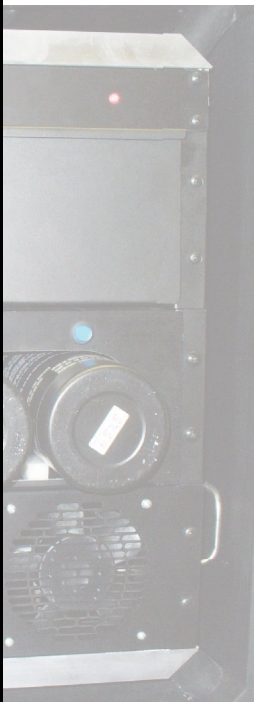




ElectricHydrogen provides a convenient, reliable and cost-effective refill system for portable H<sub>2</sub> canisters used in remote, back-up power and transportation applications. The EH Metal Hydride Filler can use any H<sub>2</sub> as a source (cylinders or generators). The MH canisters eliminate risks of portable high-pressure cylinders and enable fuel cell operation in many applications with high density, safe, low-pressure H<sub>2</sub> canisters. EH systems provide safe onsite hydrogen supply, without interruption.

		MHF (Hydrogen Refill only <sup>1</sup> )	MHF & HS Enclosed <sup>3</sup> (H <sub>2</sub> Storage & Refilling)
Physical	Dimensions	7U EIA19 Rack Mount x 22" deep [36cm tall x 55cm deep x 47cm wide]	10U Rack <sup>3</sup> in 46" t x 24" d x 24" w [116cm tall x 60cm deep x 66cm wide]
	Weight	22 lbs [10 kg]	up to 150 lbs [68 kg]
	Mounting	19" rack mount - 4U + 4U	Bench, Table or HG System
Input	Electric circuit rating	200 Watts	400 Watts
	Current	2 Amps	3 Amps
	Voltage	100 to 250 VAC	100 to 250 VAC
	Supply pressure	up to 250 psig [17 barg]	up to 5,000 psig [350 barg] <sup>2</sup>
Output	Composition	Same as Input	Ultra High Purity hydrogen (99.9995%) <sup>3</sup>
	Supply pressure to MH	up to 250 psig [17 barg]	up to 250 psig [17 barg]
	Hydrogen Flow rate <sup>2</sup>	up to 200 slpm	up to 200 slpm
	Hydrogen Storage Capacity	n/a	up to 4500 litres <sup>3</sup>
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 Includes 4 slot filler module and control module
  - 2 Industrial gas cylinders can be used to fill internal storage or MH in slots
  - 3 Optional extra, factory built complete systems

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 Specifications subject to change without notification.