

H140

From planning and installation to maintenance – we are your reliable full-service provider for fuel cell systems.

Applications:

- Protection of critical infrastructure
- Interlockings, railway stations, data centers

Benefits:

- Suitable for all types of railway interlockings and network systems
- Delivered ready for connection in a concrete switching station
- Minimal planning effort thanks to standardized interfaces



Technical specifications

System type	Emergency power system
Design	Concrete equipment shelter Optional indoor installation within existing buildings
Fuel	Hydrogen
Fuel storage capacity	Separately in storage container Standard 2 x 10 ft container, 300 bar, 178 kg (356 kg) H ₂
Dimensions (W x H x D)	6.600 x 3.500 x 3.300 mm (Concrete equipment shelter) 2 x 3.000 x 2.500 x 2.700 mm (Hydrogen storage container)
Weight	34 t

Specifications Complies with all applicable Deutsche Bahn technical standards. Integrated overvoltage protection. 24/7 online monitoring via DB-operated servers.

Ambient temperature	-20 °C to +40 °C
Rated power	140 kW
Output voltage	230 / 400 VAC (50 Hz)
Energy density (from fuel)	5.340 kWh

Contact



As of August 2026