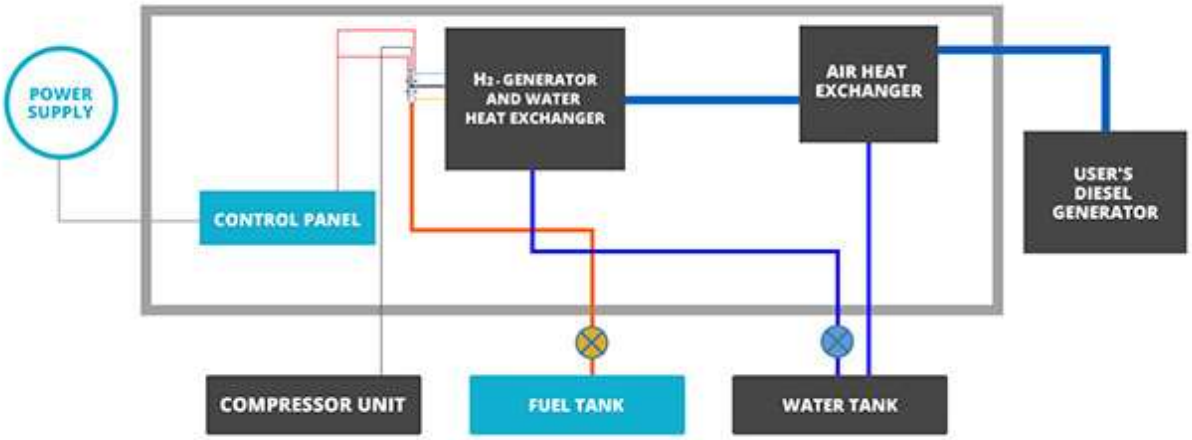
Fuel Pro CELL ™

The Fuel Pro CELL™ is a mobile hydrogen generation system. It weighs 120 Kilograms and is designed for field use. It requires a warm up period of 30 to 60 minutes and therefore requires a 1.2 kilowatt power supply. For mobile applications this could take the form of a rechargeable battery which could then be recharged via fuel cells.

Typical applications include greenfield power generation (telecommunication sites, mines, construction sites), hydrogen production for use with fuel cells, hydrogenation in the food industry, mobile refrigeration power supply.

FUELS.PRO
THE BURNING ADVANTAGE



Hydrogen generating system (Fuel Pro CELL ™)	
Fuel input: methanol	5.5 l/h
Hydrogen output	6 m^3/h
Hydrogen output power	>18 kW/h
Starting time	<60 min (cold start) 5 min (hot start)
Size (mm) L/H/W	1200 x 760 x 500
Weight (kg)	120
Electric power	220 V AC, 50 Hz
External energy demand	Warming stage: 1.2 kW for <60 min; Working cycle: 600W
Prerequisite on customer site	Supply of air, fuel, purified water
Carbon monoxide	< 1% CO in reformate for high temperature PEM and PACF fuel cells
	< 20ppm CO in reformate for low temperature PEM fuel cells.