

H3-1 INDOOR CABINET

H3 Cabinet



- Low noise and no harmful emission
- Compact and light footprint
- Easy and fast installation
- Reduction of CO² footprint
- Elimination of fuel and equipment theft



CLEAN ENERGY



SUSTAINABILITY



PROFITABILITY



SIMPLICITY



RELIABILITY



KNOW-HOW

Clean, simple and sustainable power

Flexible installation of our H3 5000 is critical for customer satisfaction. Our fuel cell cabinets combine the H3 5000 with fuel tank, power distribution and wireless communication for remote monitoring, making it a complete, independent power solution. We offer several outdoor, indoor and deployable solutions which can cover any installation needs.

The system is ideal for critical backup power, temporary or continuous 24/7. This means that the system can work in off-grid applications as well as backup power in grid applications. The modular indoor cabinet system offer flexible mounting possibilities which can be used both in compact on-site telco shelters as well as buildings. The cabinet system includes a 200 l fuel tank, and optionally larger outdoor fuel tanks can be offered for less frequent refueling.

H3-1 INDOOR CABINET

PERFORMANCE		
H3 5000 modules	1	2
Power output, electrical [kW]	5	10
IP rating	IP 42	IP 42

OPERATIONS	
Voltage output [Vdc]	42 - 57
Ambient temperature ¹ [°C]	0°C and up to 50°C
Communications	Build-in 3G / 4G modem

1. Options for lower temperatures

DIMENSIONS & WEIGHT ²		
H3 5000 modules	1	2
Weight empty [kg]	230	230
Weight fuel cell modules [kg]	65	130
Size [mm]	840(W) 1170(D) 1240(H)	840(W) 1170(D) 1685(H)

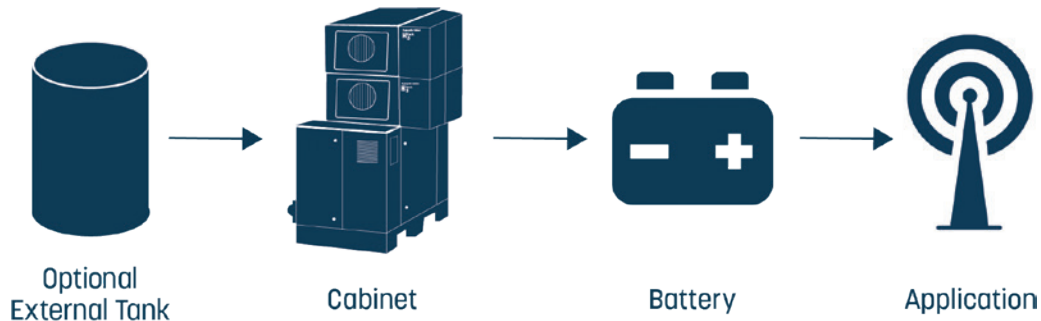
2. Excl. ducting channeling for air inlet, air vents and fuel cell exhaust.

INTERNAL FUEL STORAGE	
Tank capacity [l] / [kg]	200 / 180
Fuel energy capacity [kWh _e]	235

All numbers related to kW or kWh is electrical power / Energy delivered at module terminals (kWe / kWh_e)

Contact SerEnergy for other voltage variants.

TYPICAL SET-UP



DIMENSIONS

