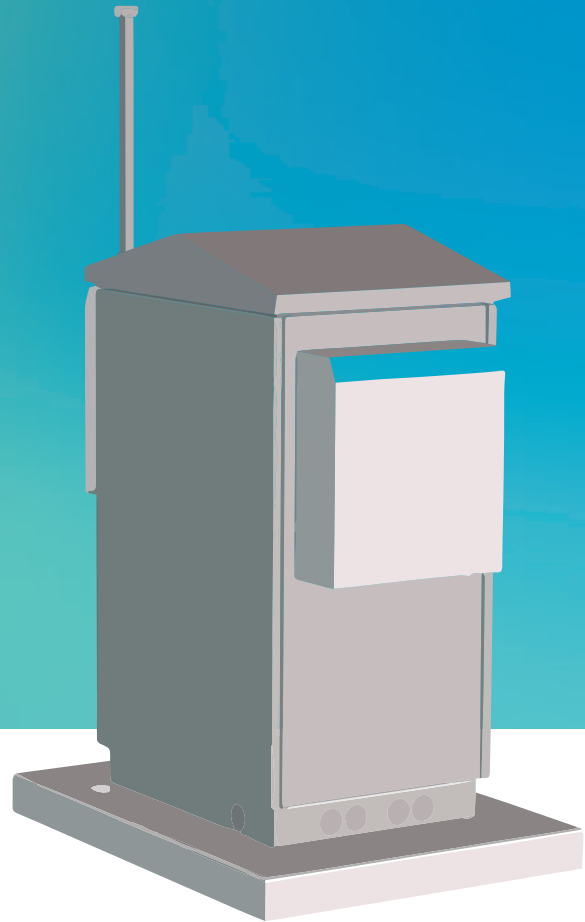


# FCgen®-H2PM Outdoor Compact Enclosure



The FCgen®-H2PM Outdoor Compact Enclosure is designed to contain the FCgen®-H2PM 1.7kW or the FCgen®-H2PM 5.0kW fuel cell module and UltraCap unit. Up to 12 FCgen®-H2PM 5.0kW Outdoor Compact Enclosures can be coupled in parallel to meet power output requirements.

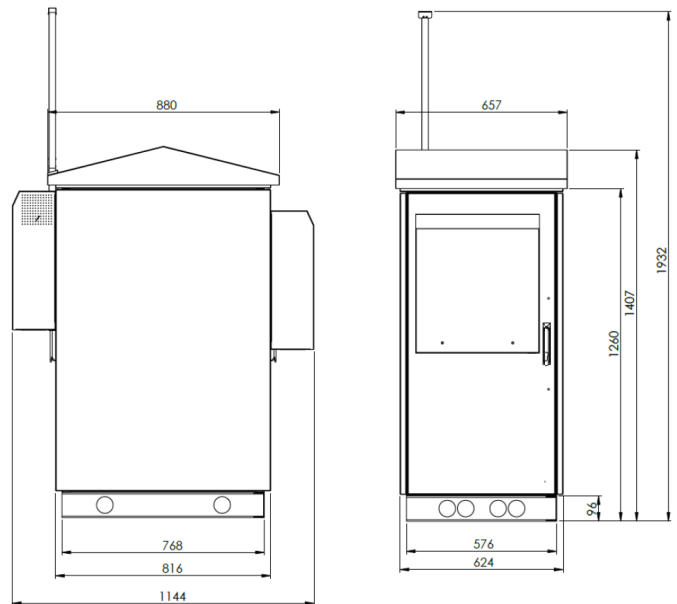
The FCgen®-H2PM System is intended to be installed as a backup DC power supply to the rectifiers installed e.g., in a telecommunications system. The FCgen®-H2PM Outdoor System senses the voltage at its power terminals and will instantly start when the voltage drops to the user settable start voltage. It is recommended to include a cabinet heater, to avoid freezing or condensation inside the enclosure.

There are two required areas of clearance for the FCgen®-H2PM System to operate properly - in front and behind the system for air intake/ exhaust and service maintenance of the system (e.g., exchange of enclosure air intake filter). No clearance requirements are assigned to the sides of the system as the clearance requirements are to be determined by the customer. Note, EN 62282- 3-300 Installation.

Cabling is done through the included cable gland in the enclosure bottom plate. The Valve Block is integrated in the enclosure and connected out the back to a separate hydrogen storage.

The enclosure can be installed on a concrete pad or on concrete pavers.

Options: Insulation, Fan heater and Sun Roof are optional extra for the FCgen®-H2PM Outdoor Compact Enclosure.



## Product Specifications

Specification	Value
Shelter (WxDxH)	624 x 1144 x 1260 mm (H: 1932 mm incl. Purge Pipe)
Shelter Weight	110 kg (243 lbs.) without FCgen®-H2PM system and UltraCaps
Color	RAL 7035
Enclosure Material	Corrosion resistant steel with high quality exterior zinc and powder coating
Electrical Installation	Distribution Panel integrated inside the Enclosure for customer connections
Certifications	CE
Corrosion Class	C3 Medium

Options	Description
Heater, PTC Fan Heater	400W, 230VAC
Insulation Kit	FCgen®-H2PM, Insulation Kit, Outdoor Compact Enclosure
Sun Hood	FCgen®-H2PM, Sun Hood, Outdoor Compact Enclosure
Lock System	Swinghandle with standard locking insert
Voltage	See FCgen®-H2PM specification
Grounding	See FCgen®-H2PM specification
Noise Level	See FCgen®-H2PM specification
Temperature Range	See FCgen®-H2PM specification