

USE CASE

Stationary

## PM Cube

Emergency Power Supply – Outdoor use



### Typical application areas

- Railway infrastructure
- Telecom / radio stations
- Securing critical infrastructure
- Industry and data centres

### Main benefits

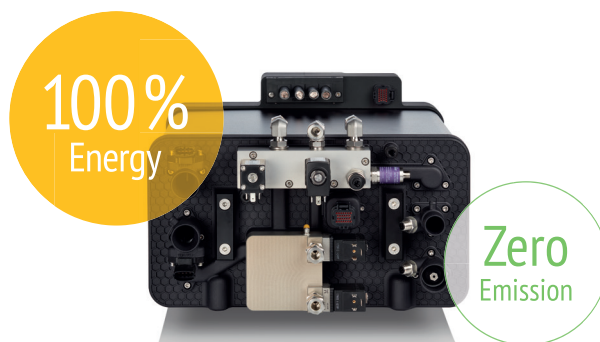
- Combination with battery package possible
- Zero Emission
- Silent operation
- Positive Image
- Customisable
- High Efficiency
- Short Refuelling Time
- Long Life Time
- High Reliability

# PM Cube Outdoor Use Case

Nominal Power [kW]	4	6	8
<b>Electrical System</b>			
Output Voltage [V AC, Hz]	230; 50		
Supply Voltage [V AC, Hz]	230; 50		
Consumption of auxiliaries [W]	400*	500*	500*
<b>Hydrogen System</b>			
Hydrogen Quality	ISO 14687-2 / SAE J2719		
H2 Storage [bar <sub>g</sub> ]	200/300		
Bridging time [hrs]	up to 72		
<b>Cooling System</b>			
Coolant	Air		
<b>Environmental Conditions</b>			
Ambient Temperature [°C]	-40 to 45		
<b>Dimensions / Others</b>			
LxWxH [m x m x m]	3 x 1 x 2.5	4 x 1 x 2.5	4 x 1 x 2,5
Installation Site	Outdoor		
Resistance Class	RC-4		
<b>Options</b>			
Hydrogen Storage Compartment			
Hydrogen Pressure Regulator Station			

\* Depending on the ambient temperature

Errors excepted, technical changes reserved  
Product specifications are subject to change without further notification



## PM 200 Stack Module inside

Fuel Cell Stack Module 2-16



## Emergency Power Supply – Outdoor use

Turnkey emergency power supply for critical infrastructure, with energy supply up to 8kW and a Resistance class up to RC-4.

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Stationary

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Maritime