

# Advanced Fuel Cell Technology

Stationary energy supply – anytime and everywhere

Siens offers a complete energy solution in a weatherproof cabinet. Our solution provides a variety of applications with electric power.

The complete solution is used, for example, in industry, on the construction site, in recreational huts, etc.

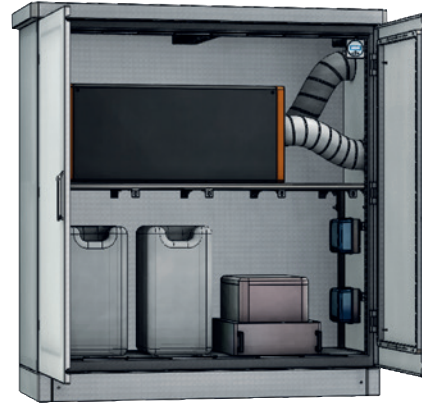
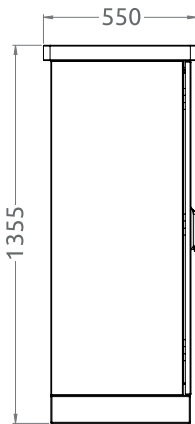
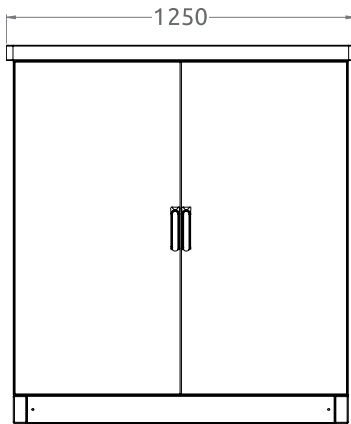
## The key advantages

- › High availability and low maintenance costs
- › Easy installation (less than 3 hours)
- › Environmentally-friendly
- › Silent operation
- › Scalable energy supply
- › Works with readily available, standard methanol
  - › High energy density
  - › Globally available
  - › Easy storage and transport in plastic cartridges
  - › Regenerative methanol usable



Product information  
**EcoCabinet**

# Data sheet EcoCabinet



EcoCabinet*	2000 C	4000 C
Storage space (WxHxD)	1 200 x 1 200 x 500 mm	1 200 x 1 200 x 500 mm
Rain cover (WxHxD)	1 250 x 1 200 x 550 mm	1 250 x 1 200 x 550 mm
Protection class	IP 44	IP 44
Battery size	2 046 Wh	4 092 Wh
Battery type	Lithium-ion-li-NMC	Lithium-ion-li-NMC
Fuel cell generator	Ecoport 800	Ecoport 800
Optional	Solar controller, voltage converter	Solar controller, voltage converter
Output voltage	24 V optional 12 V / 48 V / 230 V	24 V optional 12 V / 48 V / 230 V
Power output	500 W continuous power, 2 500 W temporary	500 W continuous power, 5 000 W temporary
Fuel supply (Methanol cartridge)	2 x 25 l QE-Charge (120 kWh)	2 x 25 l QE-Charge (120 kWh)
Total weight	200 kg	220 kg
Ambient temperature	-20 to +50 °C	-20 to +50 °C
Lifetime (guaranteed)	1 500 kWh via fuel cell	1 500 kWh via fuel cell
Remote monitoring (optional)	via web portal	via web portal
Noise level during operation	< 29 dB(A)	< 29 dB(A)

\* The EcoCabinet consists of the Ecoport 800 fuel cell, Control Panel, modem, electrical distribution with fuses, 2 x 25 l QE-Charge, outdoor control cabinet, battery and optional accessories.



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