

# EFOY Fuel Cells

*Mobile energy for the motorhome.*

**EFOY**  
ENERGY FOR YOU

## Fuel cells for higher autonomy

The EFOY Fuel Cell represents a genuine revolution. Anyone who enjoys the great outdoors appreciates the advantages of an electricity supply – always and everywhere – regardless of season and weather.

Unlike conventional electricity generators, EFOY is absolutely silent and maintenance-free. EFOY comes in five models and is absolutely easy to use. Producing 600, 900, 1200, 1600 or 2200 Wh/day, the fuel cell generates enough electricity to meet any requirement and keep batteries permanently loaded.

## Hi-tech for clean energy

EFOY fuel cells are environmentally friendly and economical. They operate on purest methanol, tested for EFOY and guaranteed for molecular purity. The EFOY containers of this fuel are safety-certified and provide 5 or 10 litres capacity.

## Easy to fit

The installation kit makes EFOY easy to fit. Ideal locations are double floors, luggage compartments, on-board garages and inbuilt storage spaces.

## Easy to use

EFOY is totally controllable from inside via the digital display control. The EFOY Fuel Cell is connected to the battery and constantly regulates the battery voltage. If the voltage falls below 12.5 V, EFOY switches on automatically and charges the battery. It then returns to stand-by mode. Inverters allow power supply to small 220 V appliances.



EFOY range: 600-2200 Wh/day, to meet any electricity requirement.

## Product specifications:

- Very easy, comfortable controls: automatic charge control device and digital display
- Light weight: just 7.5 kg, combined with compact dimensions for easy fitting inside vehicle
- Silent operation
- Environmentally friendly



Digital display control



Methanol-fuelled (5 and 10 liter tanks)

## Positioning EFOY fuel cells:

	Appliances		Charge capacity:
COMFORT	<b>EFOY 1600 &amp; 2200</b>		130/180 Ah/day
	Vehicles:	Motor homes, Lutons (cab-over) and large-size campervans	
	When to use:	Year-round	
	Appliances:	Lights, water pump, TV, satellite dish, heating, fridge, coffee maker (with inverter), phone (with inverter)	
	<b>EFOY 1200</b>		100 Ah/day
	Vehicles:	Motor homes, Lutons (cab-over) and campervans	
When to use:	Year-round		
Appliances:	Lights, water pump, TV, satellite dish, heating, fridge, coffee maker (with inverter)		
BASIC	<b>EFOY 900</b>		75 Ah/day
	Vehicles:	Motor homes, Lutons (cab-over) and medium-size campervans	
	When to use:	Spring to autumn (basic support for winter season)	
	Appliances:	Lights, water pump, TV, satellite dish, heating	
	<b>EFOY 600</b>		50 Ah/day
	Vehicles:	Motor homes, Lutons (cab-over) and small campervans, vans and trailers	
When to use:	Spring to autumn		
Appliances:	Lights, water pump, TV, satellite dish		

## Technical Specifications:

	EFOY 600	EFOY 900	EFOY 1200	EFOY 1600	EFOY 2200
Rated power (W)	25	38	50	65	90
Charge capacity (Wh/day)	600 (50 Ah/day)	900 (75 Ah/day)	1,200 (100 Ah/day)	1,600 (130 Ah/day)	2,160 (180 Ah/day)
Rated voltage (V)	12	12	12	12	12
Rated current (A)	2.1	3.1	4.2	5.4	7.5
Methanol consumption (l/kWh)	0.9	0.9	0.9	0.9	0.9
Noise level 7 m away dB(A)	23	23	23	23	23
Noise level 1 m away dB(A)	39	39	39	39	39
Weight (kg)	6.3	6.4	7.1	7.3	7.9
Dimensions L x W x H (mm)	435 x 200 x 276				
Operating temperature (°C)	-20 to +40				
Recommended batteries	12 V lead accumulators (lead acid or lead gel), capacity 40 to 200 Ah				

## Methanol cartridges:

Tank	M5	M10
Weight (kg)	4.3	8.4
Capacity	4.5 kWh 380 Ah at 12 V	9.4 kWh 760 Ah at 12 V
Volume (l)	5	10
Dimensions L x W x H (mm)	190 x 145 x 283	230 x 193 x 318



EFOY fuel cells easy to install in any luggage compartment.