

Installation

EFOY fuel cells and EFOY lithium batteries can be installed almost anywhere.



EFOY Quality

With over 20 years of experience and more than 45,000 fuel cells sold, SFC Energy AG is a leading supplier of direct methanol and hydrogen fuel cells, as well as lithium batteries and energy management systems for stationary and mobile hybrid power supply solutions. Our fuel cells are developed and produced in Germany. Our products' safety is evaluated and tested by the Technical Inspection Association (TÜV).



SFC Energy AG | Eugen-Saenger-Ring 7 | 85649 Brunnthal, Germany
sales@sfc.com | my-efoy.com

Your authorized EFOY dealer:

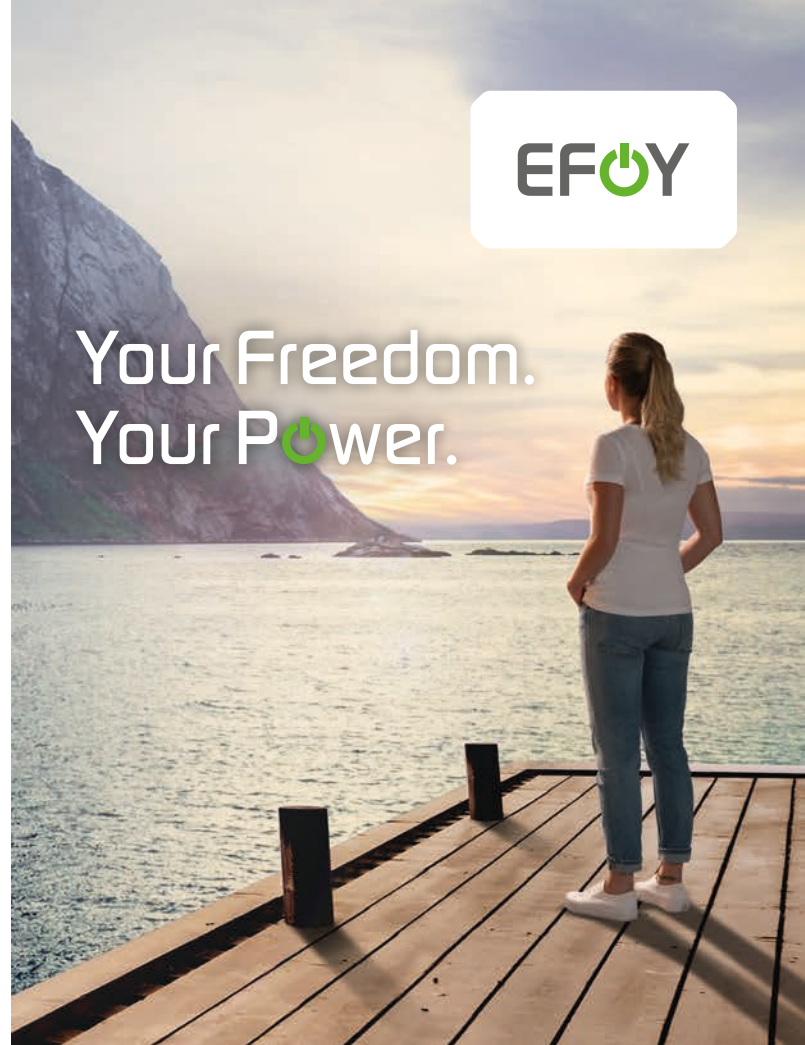


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EFOY

Your Freedom.
Your Power.



EFOY Hybrid Power
Fuel cell and
lithium battery



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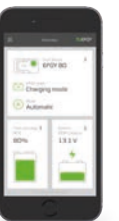
Together, the EFOY fuel cell and EFOY lithium battery are unbeatable: 100% self-sufficient, weather-independent, environmentally friendly and quiet. The integrated smart Battery Management System (BMS) establishes intelligent communication between the fuel cell and the lithium battery. As a result, the battery benefits from optimum charging, special protection and a long service life.

- High performance
- Intelligent
- Efficient



Control via the EFOY app

You can easily control your EFOY products from your smartphone or tablet via the EFOY app. Here you'll find all the important data on the EFOY fuel cell, the EFOY lithium battery and the EFOY fuel cartridge. You can also use the free EFOY app to search for dealers and take advantage of the numerous service tips.



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EFOY Lithium Battery

The EFOY lithium (LiFePO₄) battery as a power storage device is the perfect starting point for an off-grid power supply. The integrated smart Battery Management System (BMS) continuously controls and optimizes the battery parameters for optimum efficiency and battery protection. Thanks to the built-in heating element, the EFOY lithium battery is able to charge even at sub-zero temperatures. The robust housing protects against water splashes.



Suitable for winter use



Battery Management System



High discharge current



EFOY Fuel Cell

The EFOY fuel cell is the best power generator for on-the-go. It produces environmentally friendly electricity as part of a chemical reaction, which charges the on-board battery. This quiet process is entirely automatic, meaning that you can enjoy your time off. 230 V devices can also be used in conjunction with an inverter.



Compact and lightweight



Fully automatic and maintenance-free



Environmentally friendly and silent



What you should know about the lithium battery

- ⚡ Virtually the entire battery capacity can be used
- ⚡ Designed for high discharge currents, which allows the operation of powerful consumers
- ⚡ Light, safe and durable

EFOY Lithium Battery	EFOY Li 70 – 12 V	EFOY Li 105 – 12 V
Nominal capacity	70 Ah	105 Ah
Nominal voltage	12.8 V	12.8 V
Weight	11.8 kg	16.3 kg
Dimensions (W × D × H)	269 × 175 × 190 mm	368 × 175 × 190 mm

Determine your energy requirements at my-efoy.com

Vehicle type			
Energy demand/ travel behavior	35 – 60 Ah/day short trips	55 – 70 Ah/day mainly short trips, up to 4 days	70 – 120 Ah/day suitable for extended vacations
Recommendation			

What you should know about the fuel cell

- ⚡ Can be used all year round – 365 days without being plugged in
- ⚡ Once installed, it is practically maintenance-free
- ⚡ Low-noise power generation

EFOY Fuel Cell	EFOY 80	EFOY 150
Maximum output	40 W	75 W
Maximum load capacity/day @ 12 V	80 Ah	150 Ah
Nominal voltage	12 V / 24 V	12 V / 24 V
Weight	6.5 kg	6.9 kg
Dimensions (W × D × H)	448 × 198 × 275 mm	448 × 198 × 275 mm

EFOY Fuel Cartridge

EFOY fuel cartridges are safe, clean and available everywhere. The worldwide dealer network can be found at www.efoy.com or on the **EFOY app**.

EFOY Fuel Cartridge	M5	M10
Total capacity	460 Ah	925 Ah
Volume	5 liters	10 liters
Consumption	0.9L / kwh	0.9L / kwh
Dimensions (W × D × H)	190 × 145 × 283 mm	230 × 193 × 318 mm



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