

EFOY Pro Series

Reliable energy wherever, whenever you need it



Reliable, mobile energy – in situations where batteries quickly reach their limits, EFOY Pro supply the power.

Small, quiet, emission-free – and able to operate in remote areas. EFOY Pro even keep working when left alone for long periods.

Providing reliable energy out of reach of other power sources is the speciality of the new **EFOY Pro Series**. Hooked up to an off-grid appliance, the fuel cell automatically charges its battery as and when required – 24 hours a day, without any intervention from the user and in all weather conditions.

The **EFOY Pro Series** was developed specially for the requirements of professional applications.



- 🔌 Robust and maintenance-free
- 🔌 Lightweight and compact
- 🔌 Quiet and emission-free
- 🔌 Automatically charges 12 V and 24 V batteries
- 🔌 Hybrid compatible – ideal for combining with solar energy systems

EFOY
ENERGY FOR YOU



Robust industrial construction

EFOY Pro are delivered in a robust metal casing. The integrated user interface allows monitoring and control directly on the unit.

More freedom when refuelling

EFOY Pro can be hooked up directly to all EFOY Fuel Cartridges. Selecting the optimum size of fuel cartridge for your requirements allows you to optimise the weight and operating time of your appliance.

More flexible installation in your appliance

EFOY Pro can be fitted in your appliance in a variety of ways. Thanks to the extended fuel cartridge hose, the positioning of the fuel cartridge can be chosen freely for example beneath the EFOY Pro.

One for all – charges 12 V and 24 V batteries

EFOY Pro are compatible with 12 V and 24 V batteries. The integrated charge control system identifies the battery in use and automatically adjusts the charge process accordingly.

EFOY Pro 1600 Longlife

EFOY Pro 1600 is optionally available as longlife version. When purchasing a **EFOY Pro 1600 Longlife** you receive an extended term of guarantee.

Technical data

EFOY	Pro 600	Pro 1200	Pro 1600
Charging capacity	600 Wh/day	1200 Wh/day	1560 Wh/day
Nominal output	25 W	50 W	65 W
Nominal voltage	12 V / 24 V	12 V / 24 V	12 V / 24 V
Nominal current @ 12 V / 24 V	2.1 A / 1.05 A	4.2 A / 2.1 A	5.4 A / 2.7 A
Weight	17.2 lbs	18.1 lbs	18.5 lbs
Noise emissions	23 dB(A) in 7 m distance 39 dB(A) in 1 m distance		
Operating temperature	-20 to +45 °C (-4 °F to +133 °F)		
Nominal consumption*	0.9 l/kWh		
Dimensions [L x W x H]	433 x 188 x 278 mm (17 x 8 x 11 in)		

*Effective consumption depends on operating conditions

Fuel cartridge	M5	M10	M28*
Volume	5 liters (1.32 gallons)	10 liters (2.64 gallons)	28 liters (7.4 gallons)
Weight	4.3 kg (9.5 lbs)	8.4 kg (18.5 lbs)	22 kg (48.5 lbs)
Rated capacity	5.5 kWh	11.1 kWh	31.1 kWh

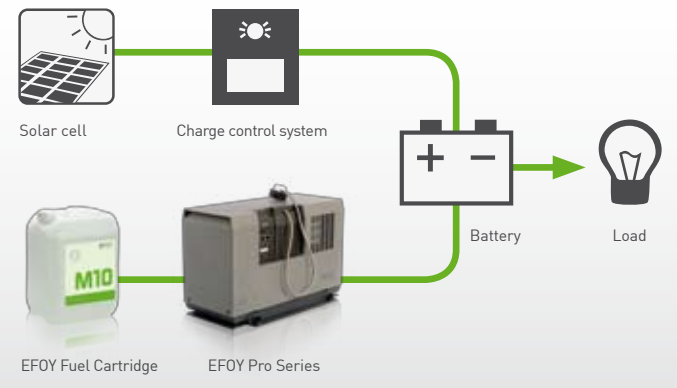
*Connection requires M28-Adapter (optionally available)

Fuel cell + battery



Working with a battery, the **EFOY Pro Series** multiplies the length of time your application can run independently many times over. This significantly reduces the frequency with which you need to visit the application to charge or replace the batteries.

Fuel cell + solar system



The use of an **EFOY Pro Series** as back-up for a solar energy system is the perfect solution for 100% availability. As soon as the solar system ceases to provide sufficient power, the fuel cell is activated fully automatically. Expensive solar systems can therefore be sized down and the reliability of the system can be substantially improved.

Accessories

- M28-adapter to connect the M28-fuel cartridge
- Remote monitoring package with fuel cartridge sensor and GSM modem
- Cluster controller for parallel operation of several fuel cells
- EFOY ProCube – a transportable complete solution in a configurable box

