

EFOY ProEnergyBox 4060P

Off-grid power supply for extreme weather conditions



The EFOY ProEnergyBox off-grid power supply for extreme weather solution and climate conditions – ready to use anytime and anywhere. No modification or integration work required.



You can adjust the EFOY ProEnergyBox according to your needs by integrating the right EFOY Pro fuel cell, battery and EFOY fuel cartridge. Suitable for outdoor applications and easy to conceal. Hybrid compatible – e.g. as back-up or extension for solar energy systems.

- ⚡ All-in-one energy solution, 12 or 24 Volts
- ⚡ Outdoor ready down to -40 °C / -40 °F
- ⚡ High energy capacity of 60 kWh
- ⚡ Long autonomy
- ⚡ Hybrid compatible to solar

EFOY ProEnergyBox	4060P
Dimensions L x W x H	1225 x 790 x 775 mm / 48.2 x 31.1 x 30.5 in
Weight (empty)	< 56 kg / < 124 lbs
Housing	Pelican Hardigg™, insulated, weatherproofed outdoor box
Housing color	Grey (Optional colors available)
IP-protection category	IP 43
Nominal voltage	12 V or 24 V
Temperature range	-40 °C to +50 °C / -40 °F to +122 °F

Configuration possibilities	
Compatible EFOY Pro Fuel Cells	EFOY Pro 800 Duo <i>or</i> 2400 Duo
Number of fuel cells	1
Number of EFOY Fuel Cartridges	max. 2 x M28
Battery capacity @ 12 V / 24 V	max. 160 Ah / 80 Ah
Additional space for customer equipment (L x W x H)	550 x 120 x 500 mm / 21.7 x 4.7 x 19.7 in

Currents*	
Discharge current (const.) @ 12 V / 24 V	6.7 A / 3.3 A
Peak current (max.) @ 12 V / 24 V	30 A / 30 A
Solar charge current (max.) @ 12 V / 24 V	30 A / 30 A

*Currents depend on integrated charge controller. Can be increased on customer demand. Constant discharge current is limited by fuel cell. Discharge currents are laid out on installed EFOY Pro 2400 and can be higher during solar power connection.

Delivery content
<ul style="list-style-type: none"> EFOY Pro Basic fuel cell* Steca Solarix PRS 3030 Solar Charge Controller (max. 30 A) for Solar Hybrid System and for Battery deep discharge protection* Air supply and waste heat duct, additional temperature-controlled ventilator and frost proof outlet for exhaust hose Cables and battery terminals for 12 V and 24 V battery connection Slots, plugs and cable for outdoor connection including water and dust protection M28 Adapter
Not included in content of delivery
<ul style="list-style-type: none"> EFOY fuel cartridge Batteries

*size as requested by customer, not installed in EFOY ProEnergyBox at delivery. Can be modified on customer demand.

Plugs / Slots	
Power OUT	ITT Cannon 20-23-2-pole connector, 10 mm ² (CA3102E20-23P-B-01-A240-CS 1322 Cannon-G)
Solar IN	ITT Cannon 20-23 2-pole socket connector, 10 mm ² (CA3102E20-23S-B-01-A240-CS 1315 Cannon-G)

Fuel cells	EFOY Pro 800 Duo	EFOY Pro 2400 Duo
Weight	8.3 kg / 18.3 lbs	9.3 kg / 20.5 lbs
Dimensions L x W x D	433 x 188 x 278 mm / 17 x 8 x 11 in	
Inclination along the roll axis	Permanent: max. 35°; temporary (<10 min): max. 45°	
Inclination along the lateral axis	Permanent: max. 20°	

Fuel Cartridges	M10	M28 (only with M28-Adapter)
Volume	10 l / 2.6 gallons	28 l / 7.4 gallons
Weight	8.4 kg / 18.5 lbs	22 kg / 48.5 lbs
Dimensions L x W x D	230 x 193 x 318 mm / 9.1 x 7.6 x 12.5 in	370 x 285 x 395 mm / 14.6 x 11.2 x 15.6 in