

# 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)	1215 x 794 x 616 mm / 47.83 x 31.26 x 24.25 in
Weight (empty)	51 kg / 112.4 lbs
Housing	HDPE, transport handles, two wheels
Housing color	Grey
IP-protection category	IP 43D
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 / 800 Duo / 2400 / 2400 Duo
Number of fuel cells	1
Number of EFOY Fuel Cartridges	max. 2 x M28
Battery installation space (L x W x H)	360 x 550 x 210 mm / 14.2 x 21.7 x 8.3 in
Compatible batteries	12 V Lead-Gel, Lead-Acid, AGM, LiFePO4
Additional space for customer equipment (L x W x H)	400 x 250 x 140 mm / 15.75 x 9.84 x 5.51 in

Currents <sup>1</sup>	
Discharge current (const.) @ 12 V / 24 V	6.7 A / 3.3 A
Load current (max.) @ 12 V / 24 V	30 A / 30 A
Module current (max.) @ 12 V / 24 V	30 A / 30 A

<sup>1</sup> 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"> <li>• Steca Solarix PRS 3030 solar charge controller for solar hybrid system and for battery deep discharge protection</li> <li>• Air supply and waste heat duct, additional temperature-controlled ventilator and frost proof outlet for exhaust hose</li> <li>• Cables and battery terminals for 12 V and 24 V battery connection</li> <li>• Slots, plugs and cable for outdoor connection including water and dust protection</li> <li>• 2x M28 Adapter</li> <li>• User manuals</li> <li>• Operation panel OP2 with data cable</li> </ul>
Not included in content of delivery
<ul style="list-style-type: none"> <li>• EFOY Pro fuel cell</li> <li>• EFOY fuel cartridge</li> <li>• Batteries</li> </ul>

Plugs / Slots	
DC OUT	Souriau UT00142G1PH; UT014JCS 10 mm <sup>2</sup>
DC IN	Souriau UT00142G1SH; UT014JCS 10 mm <sup>2</sup>

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	23.4 kg / 51.6 lbs
Nominal capacity	11.1 kWh	31.1 kWh
Autonomy @ 50 W	220 h	622 h
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

Accessoires for EFOY ProEnergyBox
GSM Modem
Fuel Cartridge Sensor FS1