

EFOY ProCube - Turnkey Energy Solution



The EFOY ProCube is a turnkey mobile and maintenance-free off-grid power supply solution – ready for use anytime and anywhere. No modification or integration work required.



You can adjust the EFOY ProCube according to your needs by integrating the right EFOY Pro fuel cell, battery and 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
- 🔌 100 % reliability and operating safety
- 🔌 Long autonomy
- 🔌 Hybrid compatible



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|------------------------------------|--|
| EFOY ProCube 2030A | |
| Dimensions (L x W x H) | 800 x 600 x 410 mm / 31.5 x 23.6 x 16.1 in |
| Weight (empty) | 15 kg / 33 lbs |
| Housing | Zarges aluminum-housing including handle bar |
| Coating | Powder-coated grey (RAL 9007) |
| IP-code | IP 33 |
| Nominal voltage | 12 V / 24 V |
| Integrated solar charge controller | max. 10 A Solar- and Charging Current |

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|-------------------------------------|---|
| Configuration possibilities | |
| Compatible EFOY Pro Fuel Cells | EFOY Pro 800 / 2400 EFOY Pro 600 / 1200 / 1600 / 2200 / 2200 XT ¹ |
| Compatible EFOY Fuel Cartridges | M5 / M10 / M28 (M28-adapter required) |
| Compatible batteries | Lead-Gel, Lead-Acid, AGM, LiFePO4 |
| Max. battery dimensions (L x W x H) | 355 x 175 x 210 mm / 14.0 x 6.9 x 8.3 in |

¹ Operating panel EFOY Pro OP2 has to be changed into remote control EFOY Pro RC1.

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| Solar charge controller² | |
| Discharge current (const.) @ 12 V / 24 V | 6.7 A / 3.3 A |
| Load current (max.) @ 12 V / 24 V | 10 A / 10 A |
| Module current (max.) @ 12 V / 24 V | 10 A / 10 A |

² 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.

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| Delivery content |
|---|
| <ul style="list-style-type: none"> EFOY Pro 800 / EFOY Pro 2400 Solar Charge Controller (max. 10 A Load and Module Current) for Solar Hybrid System Air supply and waste heat duct, additional temperature-controlled ventilator and frost proof outlet for exhaust hose Charging Cable for the connection to the Battery Battery-Deep discharge protection Fixture for EFOY Pro, Fuel Cartridge and Battery Opening for external Connectors User Manual Operation Panel OP2 with data cable |
| Not included in content of delivery |
| <ul style="list-style-type: none"> EFOY fuel cartridge Batteries |

| Fuel cells | EFOY Pro 800 | EFOY Pro 2400 |
|------------------------------------|--|-------------------|
| Weight | 8.0 kg / 17.6 lbs | 9.0 kg / 19.8 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 | M5 | M10 | M28 (only with M28-Adapter) |
|----------------------|---|---|---|
| Volume | 5 l / 1.3 gallons | 10 l / 2.6 gallons | 28 l / 7.4 gallons |
| Weight | 4,3 kg / 9,5 lbs | 8.4 kg / 18.5 lbs | 23,4 kg / 51,6 lbs |
| Nominal capacity | 5.5 kWh | 11.1 kWh | 31.1 kWh |
| Autonomy @ 50 W | 110 h | 220 h | 622 h |
| Dimensions L x W x D | 190 x 145 x 283 mm / 7.5 x 5.7 x 11.1 in | 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 |

| Accessories for EFOY ProCube |
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| GSM Modem GSM-2 |
| Fuel Catridge Sensor FS1 |
| M28-Adapter |