

Data Sheet

EFOY ProCube 2030A

EFOY ProCube 2030A



| 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 Aluminium-housing including handle bar |
| Temperature range | -20 °C to +50 °C / -4 °F to 122 °F |
| IP-code | IP 33 |
| Nominal voltage | 12 V DC and 24 V DC |

| Configuration possibilities | |
|---|---|
| Compatible EFOY Pro Fuel Cells | EFOY Pro 800 / 2400 |
| Compatible EFOY Fuel Cartridges | M10, max. 1x M28 (M28-Adapter required) |
| Compatible batteries | Lead-Gel, AGM, LiFePO4 |
| Battery installation space (l x w x h) | 410 x 220 x 280 mm / 16.1 x 8.7 x 11.0 in (fits for 1x 130 Ah or 2x 60 Ah) |
| Solar charge controller (max. load- / module current) | Standard: 10 A / 10 A Optional: 20 - 30 A / 20 - 40 A |

| Features | |
|---|--|
| <ul style="list-style-type: none"> • Active ventilation at temperatures above +35 °C • Air supply and waste heat duct • Solar charge controller for solar hybrid system with battery deep discharge protection • Exhaust hose • EFOY Pro mounting plate • Electrical connection EFOY Pro Fuel Cell • Cable glands for external connection (Skintop STR-M M25) • Installation space for batteries • Installation space for up to 1x M28 Fuel Cartridges | |

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Delivery content

- EFOY ProCube 2030A – Aluminium box
- Battery connection cable and cable bridge for the connection of two batteries
- Operation panel OP2 with data cable and velcro tape
- User manuals incl. circuit diagram

Not included in content of delivery

- EFOY Pro Fuel Cell
- EFOY Fuel Cartridge
- Batteries
- M28-Adapter

Accessories EFOY ProCube

- GSM Modem
- MUX-2¹
- Fuel cartridge sensor FS1

¹Compatibility depends on solar charge controller

| Fuel cells | EFOY Pro 800 | EFOY Pro 2400 |
|---|--|-------------------|
| Power output | 45 W | 110 W |
| Power output ² after 4.500 hours | 25 W | 80 W |
| Charging current at 12 V / 24 V | 3.75 A / 1.88 A | 9.17 A / 4.58 A |
| Charging current at 12 V / 24 V after 4.500 hours | 2.08 A / 1.04 A | 6.7 A / 3.3 A |
| Weight | 8.0 kg / 17.6 lbs | 9.0 kg / 19.8 lbs |
| Nominal consumption | 0.9 l / kWh | |
| Dimensions (l x w x h) | 433 x 188 x 278 mm / 17.04 x 7.40 x 10.95 in | |
| Inclination along the roll axis | Permanent: max. 35°; temporary (<10 min): max. 45° | |
| Inclination along the lateral axis | Permanent: max. 20° | |

²Power output varies by ±10 %, decreases with the operation hours. Specification valid within warranty period.

| Fuel cartridges | M10 | M28 (M28-Adapter required) |
|------------------------|---|---|
| Volume | 10 l / 2.64 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 | 222 h | 622 h |
| Dimensions (l x w x h) | 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 |