

# Data Sheet

## EFOY ProCube 2060A

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|                        |   |
|------------------------|---|
| Dimensions (l x w x h) | 937 x 787 x 480 mm / 36.9 x 31.0 x 18.9 in    |
| Weight (empty)         | 17.5 kg / 38.6 lbs                            |
| Housing                | Aluminium-housing with transportation handles |
| 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 Duo / 2400 Duo                                       |
| Compatible EFOY Fuel Cartridges                           | M10, max. 2x M28 (M28-Adapter required)                           |
| Compatible batteries                                      | Lead-Gel, AGM, LiFePO4  |
| Battery installation space (l x w x h)                    | 460 x 370 x 230 mm / 18.1 x 14.6 x 9.1 in<br>(fits for 2x 130 Ah) |
| Solar charge controller<br>(max. load- / module current ) | Standard: 20 A / 20 A<br>Optional: 30 A / 30 - 40 A               |

### Features

- 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 2x M28 Fuel Cartridges

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### Delivery content

- EFOY ProCube 2060A – 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-2<sup>1</sup>
- Fuel cartridge sensor FS1

<sup>1</sup>Compatibility depends on solar charge controller

| Fuel cells  | EFOY Pro 800 Duo                                   | EFOY Pro 2400 Duo |
|---|--|-------------------|
| Power output                                      | 45 W   | 110 W             |
| Power output <sup>2</sup> 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  | 8.3 kg / 18.3 lbs                                  | 9.3 kg / 20.5 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°                                |                   |

<sup>2</sup>Power output varies by  $\pm 10$  %, decreases with the operation hours. Specification valid within warranty period.

| Fuel cartridges        | M10   | M28<br>(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 /<br>9.1 x 7.6 x 12.5 in | 370 x 285 x 395 mm /<br>14.6 x 11.2 x 15.6 in |