

# Preliminary Data Sheet EFOY ProCabinet

## 2120A -12000 / 2130A -12000/ 2260A - 12000



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Dimensions (l x w x h)	approx. 800 x 800 x 2000 mm / 31.5 x 31.5 x 78.7
Weight (empty)	approx. 130 kg / 286.6 lbs
Housing	Double-walled aluminium cabinet
Temperature range	-20 °C to +50 °C / -4 °F to 122 °F
IP-code	IP 54
Nominal voltage	24 V DC or 48 V DC

Configuration possibilities	EFOY ProCabinet 2120A – 12000	EFOY ProCabinet 2130A – 12000	EFOY ProCabinet 2260A – 12000
Compatible EFOY Fuel Cartridges	4x M28 (with 2x DuoCartSwitch)	2x MT60	4x MT60 (with 2x DuoCartSwitch)
Compatible EFOY Pro Fuel Cells	EFOY Pro 12000 Duo		
Compatible batteries	Lead-Gel, AGM, LiFePO4		
Battery installation space (l x w x h)	2 levels: each 500 x 550 x 330 mm / 16.7 x 21.7 x 13.0 in (fits for a total of 8 x 200 Ah telecom batteries)		
Solar charge controller	According customer specification		

### Features

- Active ventilation at temperatures above +35 °C
- Air supply and waste heat duct
- Robust design –Protection against water, sand, vandalism
- Exhaust hose
- Mounting system EFOY Pro 12000 Duo
- Electrical connection EFOY Pro Fuel Cell
- Cable glands for external connection (in bottom plate)

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- Installation space for batteries
- Installation space for up to 4x MT60 Fuel Cartridges

### Delivery content

- EFOY ProCabinet 2260A – Double-walled aluminium cabinet
- User manuals incl. circuit diagram

### Not included in content of delivery

- EFOY Pro Fuel Cell
- Fuel Cartridges
- Solar charge controller
- M28-Adapter
- DuoCartSwitch DCS1
- Batteries

### Accessories for EFOY ProCabinet

- GSM Modem
- MUX-2<sup>1</sup>
- Fuel cartridge sensor FS1

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

Brennstoffzelle	EFOY Pro 12000 Duo
Power output	500 W
Power output <sup>2</sup> after 3.000 hours	400 W
Charging current at 24 V / 48 V	20.8 A / 10.4 A
Charging current at 24 V / 48 V after 3.000 hours	16.6 A / 8.3 A
Weight	32 kg / 70.6 lbs
Nominal consumption	0.9 l / kWh
Dimensions (l x b x h) (without 19" mounting)	670 x 441 x 310 mm (7HE) / 26.4 x 17.4 x 12.2 in (7HU)

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

Tankpatrone	M28 (M28-Adapter required)	MT60
Volume	28 l / 7.4 gallons	60 l / 15.8 gallons
Weight	23.4 kg / 51.6 lbs	55 kg / 121.0 lbs
Nominal capacity	31.1 kWh	66.0 kWh
Autonomy @ 250 W	124 h	264 h
Dimensions (l x w x h)	370 x 285 x 395 mm / 14.6 x 11.2 x 15.6 in	340 x 390 x 670 mm / 13.4 x 15.4 x 26.4 in