



	SFC XCase (EFOY Pro 2400 inside)
Power output	110 W
Power output ¹ after 4.500 hours	80 W
Nominal voltage	12 V DC / 24 V DC
Charging current at 12 V / 24 V	9.17 A / 4.58 A
Charging current at 12 V / 24 V after 4.500 hours	6.67 A / 3.33 A
Recommended battery setup ²	Vehicle battery or SFC XCase SUM with battery inside
Weight	15.3 kg / 33.7 lbs ³ 27.5 kg / 60.6 lbs ⁴
Connectable cartridges	1
Length fuel cartridge connector	~ 50 cm / 19.7 in
Switching threshold for automatic battery charging at 12 V / 24 V ⁵	On: <12.3 V / <24.6 V Off: >14.2 V / >28.4 V
Required start-up voltage at 12 V / 24 V	>9 V / >18.5 V
Maximum battery voltage at 12 / 24 V	<16 V / <32 V
Nominal consumption ⁶	0.9 l/kWh
Quiescent current draw at 12 V	20 mA
Operating temperature ⁷	-20 °C to +50 °C / -4° F to +122 °F
Start-up temperature	+3 °C to +50 °C / +37.4 °F to +122 °F
Storing temperature	+1 °C to +50 °C / +34° F to +122 °F
Altitude ⁸	Standard: 1,500 m / 4,920 ft (up to 2,000 m / 6,561 ft)
Dimensions L x W x H	525 x 216 x 428 mm / 21 x 8.5 x 17 in
Inclination along the roll axis	Permanent: max. 35°; temporary (<10 min): max. 45°
Inclination along the lateral axis	Permanent: max. 20°
Communication protocols	Clear text protocol (SIO commands)
User-Interface	At the unit or via Operating Panel OP2 with text display
Data-Interface	RS232 RJ-45 plug for accessories (e.g. Interface adapter)
Electrical Interface	IP67 sockets (Connection cable with M8 eyelets)

¹ Power output varies by ±10%, decreases with the operation hours. Specification valid within warranty period.

² Depends on application. Lead Acid, Gel, AGM and LiFePO4 possible. The instructions given by the battery manufacturer must be observed.

³ FCM including EFOY Pro 2400.

⁴ SUM with battery included in delivery content (Power Sonic 12V / 38Ah, AGM, PS-12380VdS) and full M10 fuel cartridge.

⁵ Factory Setting - can be modified with Interface Adapter and PC or operating panel OP2.

⁶ Effective consumption depends on operating conditions.

⁷ At ambient temperatures around +40°C / +102°F the power output can decrease.

For optimal performance at high temperatures, shaded application (no direct sunlight) is highly recommended.

Charging Lithium (LiFePO4) batteries is not always possible at temperatures below 0°C. The instructions given by the battery manufacturer must be observed.

⁸ During operation above the recommended altitude the power output can decrease.

Scope of delivery SFC XCase Fuel cell module

SFC XCase FCM SET Beige - 153 000 204

SFC XCase FCM SET Black - 153 000 206

Fuel Cell Included	EFOY PRO 2400 Basic (151 000 226)	- Service fluid (150 903 001) - User manual (151 901 117)
Included accessories	- Connector for fuel cartridge (153 053 002) - Output cable SFC XCase (153 906 045) - Operating panel (151 077 056)	Quick start guide

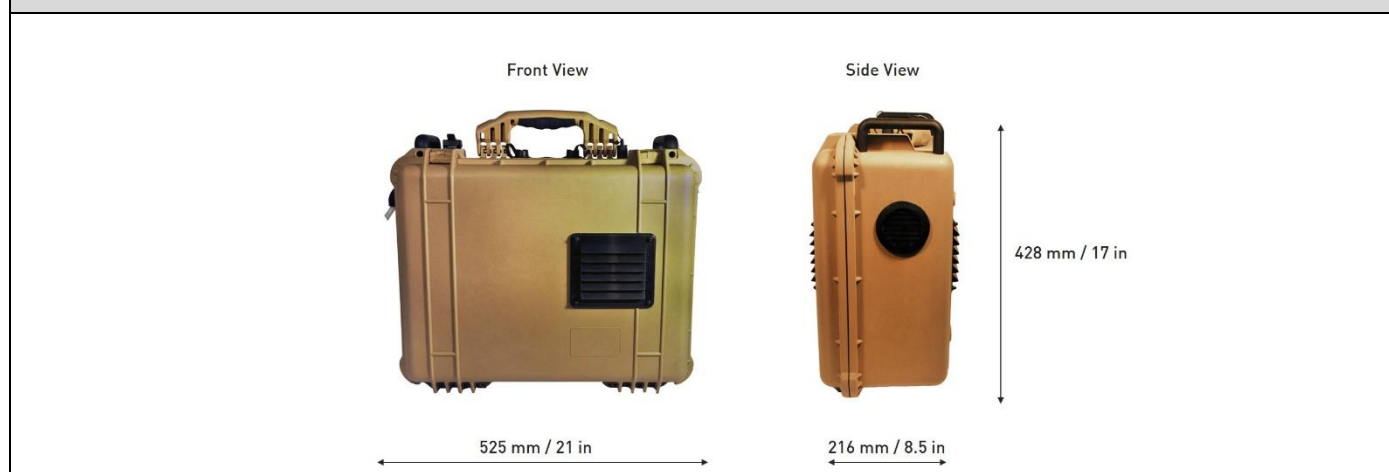
Scope of delivery SFC XCase Supply module

SFC XCase SUM SET Beige - 153 000 205

SFC XCase SUM SET Black - 153 000 207

Included accessories	- Fuel connector SFC XCase (153 053 001) - Connection cable SFC XCase (153 906 046) - Battery SFC XCase (153 079 015) Power Sonic 12V / 38Ah, AGM, PS-12380VdS - RJ45 cable	
Max. Possible Battery Dimensions L x W x H	200 x 200 x 250 mm / 7.8 x 7.8 x 9.8 in	
SUM compatible fuel cartridges	M5 or M10	

SFC XCase dimensions



Accessories

Interface adapter IA1 (151 075 011)	Dimensions L x W x H	60 x 33 x 16 mm / 2.4 x 1.3 x 0.6 in
USB Adapter (151 906 018)	Dimensions L x W x H	67 x 35 x 10 mm / 2.6 x 1.4 x 0.4 in

Connectable Fuel Cartridges	M5	M10
Volume	5 litres / 1.32 gal	10 litres / 2.64 gal
Weight	4.3 kg / 9.48 lbs	8.4 kg / 18.5 lbs
Nominal capacity	5.5 kWh	11.1 kWh
Dimensions L x W x H	192 x 145 x 278 mm / 7.6 x 5.7 x 10.9 in	230 x 193 x 318 mm / 9.1 x 7.6 x 12.5 in