



Accessories and Spare-parts




EFOY 1600 / EFOY 1200 / EFOY 600

Valid from 01 December




Subject to change

All previous price lists are herewith no longer valid.














Fuel Cartridges








| Picture | Article Description | Article Information | Article no. |
|---|--|---|-------------|
|  | Fuel cartridge M5 (2 units per package) | Filled with tested and approved methanol for EFOY fuel cells. Contents: 5 liter (Capacity: 4500 Wh or 380 Ah). TÜV SÜD safety tested; GS mark for „Geprüfte Sicherheit (tested safety)“. Dimensions M5 (L x W x H): 19.0 x 14.5 x 28.3 cm Delivery size: Packaging unit with 2 cartridges | 150 905 006 |
|  | Fuel cartridge M10 | Filled with tested and approved methanol for EFOY fuel cells. Contents: 10 liter (Capacity: 9000 Wh or 760 Ah). TÜV SÜD safety tested; GS mark for „Geprüfte Sicherheit (tested safety)“. Dimensions M10 (L x W x H): 23.0 x 19.3 x 31.8 cm Delivery size: Packaging unit with 1 cartridge | 150 905 008 |
|  | Fuel cartridge M28 | Filled with tested and approved methanol for EFOY fuel cells. Contents: 28 liter (Capacity: 25.200 Wh oder 2128 Ah). For EFOY 600 XL, EFOY 1200 XL and EFOY 1600 XL only. Dimensions M28 (L x W x H): 37,0 x 28,5 x 39,4 cm Delivery size: Packaging unit with 1 cartridge | 150 905 040 |

Accessories

| Picture | Article Description | Article Information | Article no. |
|---|---------------------------|---|-------------|
|  | Interface adapter IA1 | The interface adapter IA1 allows you to connect a device or the cluster controller CC1 to your PC's serial interface. | 151 075 011 |
|  | Cluster controller CC1 | The cluster controller CC1 provides the following options: <ul style="list-style-type: none"> operate up to 5 devices in parallel operate, control and check the status of every device by means of a PC connect fuel cartridge sensor FS1s to every device control devices using an external charge controller or similar device | 151 076 058 |
|  | Fuel cartridge sensor FS1 | The fuel cartridge sensor FS1 monitors the fuel level and signals when it drops below a preset level. | 151 905 006 |

Spare parts

| Picture | Article Description | Article Information | Article no. |
|---|-----------------------------------|--|-------------|
|  | Remote control w/ data line RC1 | The device is operated via remote control (w/ multi language display). Remote control is suitable for in-wall or on-wall mounting. Delivery contains an on-wall mounting shell and a 5 m data line DL1. | 151 077 003 |
| No picture | Data line DL1 | Data line DL 1.5 m Instead of data line DL1 a commercial Cat.5 type patch cable can also be used. | 151 075 003 |
|  | Frame for remote control | Deco frame for remote control RC1. | 151 077 011 |
|  | Surface mount for remote control | On-wall mounting shell for remote control RC1. | 151 077 010 |
| No picture | Screw delta H30 x 6 (4 pieces) | Screws for mounting the remote control on the on-wall mounting shell. Delivery size: 4 screws | 000 992 702 |
|  | Mounting plate w/ belt MP1 | For mounting the device on the floor. (For this you will need eight screws suitable for the respective mounting surface and, if necessary, eight anchors.) | 151 908 001 |
|  | Belt for mounting plate | Belt for fastening the device on the mounting plate. | 151 908 003 |
|  | Charge line CL1 | Charge line CL1 enables safe connection of the device to the consumer battery. Charge line CL1 consists of: <ul style="list-style-type: none"> • Connecting line to fuel cell (1 m) • Battery fuse - sense (2 A) BF1 • Battery fuse - power (7.5 A) BF2 | 151 906 009 |
|  | Connecting line to fuel cell | For connecting the fuel cell to the battery fuses. | 151 906 004 |
|  | Battery fuse - sense (2 A) BF1 | For connecting the sense lines to the battery you will need the battery fuse (2 A) BF1. | 151 906 007 |
|  | Battery fuse - power (7.5 A) BF2 | For connecting the power lines to the battery you need the battery fuse (7.5 A) BF2. You will not need this fuse if you are connecting your fuel cell via an electro block (EBL). | 151 906 008 |
|  | Extension sense line (length 8 m) | Extension for sense line, length: 8 m | 151 906 005 |
|  | Extension power line (length 8 m) | Extension for power line w/2- and 3-pole MNL socket housing, length: 8 m | 151 906 006 |
|  | Cartridge holder w/ belt FH1 | For safe transport of the M5 or M10 fuel cartridges in the vehicle these are fastened using a cartridge holder and a belt. For mounting the cartridge holder in the vehicle you will need four screws and, if necessary, appropriate anchors. | 150 905 002 |
|  | Belt for cartridge holder | Belt for fastening the M5 or M10 fuel cartridge to the fuel cartridge holder. | 150 905 007 |

| Picture | Article Description | Article Information | Article no. |
|---|---|---|-------------|
|  | Exhaust hose EH1 | During operation the device will produce water vapour and carbon dioxide. These are led to the outside by means of the exhaust hose. Length: 1.5 m | 150 904 004 |
|  | Off heat duct OD1 | During operation the device's heat exchanger will generate off heat. In narrow installation settings, this off heat is to be conducted to the outside by means of the off heat duct. The off heat duct consists of: <ul style="list-style-type: none"> • Off heat flange • Off heat bow • Off heat tube • Lense head screws M4 x 10 (4 screws) • External face plate | 151 903 001 |
|  | Off heat flange and off heat bow | The off heat flange allows connection of the off heat tube resp. the off heat bow to the device. The off heat bow can be removed and used for re-directing the off heat tube. | 151 903 005 |
|  | Off heat tube | The off heat tube conducts the off heat to the outside. Jolted the off heat tube is 60 cm long, it can be extended up to 100 cm. Diameter: 10 cm. | 151 904 001 |
| No picture | Lense head screws M4 x 10 (4 screws) | Screw for fastening the off heat flange to the device housing. Delivery size: 4 screws per package | 000 992 629 |
|  | External face plate | The external face plate prevents foreign matters from entering the off heat tube. | 151 903 013 |
|  | Service kit | The service kit is needed if the display indicates that service fluid has evaporated due to long storage times or high ambient temperature, and needs to be refilled. A replacement fuse is also part of each service kit. | 151 909 002 |
|  | G-fuse 250 V 8 A m, 5 x 20 mm (10 pieces) | Replacement fuse for the device, type G 250 V 8 A m (delayed action), 5 x 20 mm Delivery size: 10 fuses per package | 151 906 001 |

Shipping box and documents

| Picture | Article Description | Article Information | Article no. |
|------------|---------------------|---|-------------|
| No picture | Device shipping box | Also ideal for winter storage of the device. Dimensions (L x W x H): 60 x 35 x 63 cm | 151 902 001 |
| No picture | User manual UM1 | User manual UM1 (D, GB, F, I, NL, E) | 151 901 001 |

Fax Order



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 Sales
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 D-85649 Brunnthal
 Tel. +49 89 673 5920
 Fax +49 89 673 592 369
 sales@efoy.com

| | |
|-----------------|--|
| Customer no. | |
| Company | |
| Contact | |
| Street | |
| City / ZIP Code | |
| Country | |
| Tel | |
| Fax | |
| Email | |

| Article no. | Article description | Amount | Price per unit | Total price |
|---------------------|---|--------|----------------|-------------|
| 151 000 061 | EFOY 1600 Industry | | | |
| 151 000 041 | EFOY 1200 Industry | | | |
| 151 000 004 | EFOY 600 Industry | | | |
| 151 000 066 | EFOY 1600 24V | | | |
| 151 000 067 | EFOY 1600 24V XL | | | |
| 151 000 064 | EFOY 1600 XL | | | |
| 150 905 006 | Fuel cartridge M5 (2 units per package) | | | |
| 150 905 008 | Fuel cartridge M10 | | | |
| 150 905 040 | Fuel cartridge M28 | | | |
| 151 075 011 | Interface adapter IA1 | | | |
| 151 076 058 | Cluster controller CC1 | | | |
| 151 905 006 | Fuel cartridge sensor FS1 | | | |
| 151 077 003 | Remote control w/ data line RC1 | | | |
| 151 075 003 | Data line DL1 (length 5 m) | | | |
| 151 077 011 | Frame for remote control | | | |
| 151 077 010 | Surface mount for remote control | | | |
| 000 992 702 | Screw delta H30 x 6 (4 pieces) | | | |
| 151 908 001 | Mounting plate w/ belt MP1 | | | |
| 151 908 003 | Belt for mounting plate | | | |
| 151 906 009 | Charge line CL1 | | | |
| 151 906 004 | Connecting line to fuel cell | | | |
| 151 906 007 | Battery fuse - sense (2 A) BF1 | | | |
| 151 906 008 | Battery fuse - power (7,5 A) BF2 | | | |
| 151 906 005 | Extension sense line (length 8 m) | | | |
| 151 906 006 | Extension power line (length 8 m) | | | |
| 150 905 002 | Cartridge holder w/ belt FH1 | | | |
| 150 905 007 | Belt for cartridge holder | | | |
| 150 904 004 | Exhaust hose EH1 | | | |
| 151 903 001 | Off heat duct OD1 | | | |
| 151 903 005 | Off heat flange and off heat bow | | | |
| 151 904 001 | Off heat tube | | | |
| 000 992 629 | Lense head screws M4 x 10 (4 screws) | | | |
| 151 903 013 | External face plate | | | |
| 151 909 002 | Service kit | | | |
| 151 906 001 | G-fuse 250 V 8 A m, 5 x 20 mm (10 pieces) | | | |
| 151 902 001 | Device shipping box | | | |
| 151 901 001 | User manual UM1 | | | |
| Total Amount | | | | |

I acknowledge that my order is subject to the General Terms of Business stipulated in the offer documentation.

Place, Date

Signature

SFC Smart Fuel Cell AG - General Terms of Business

Date: 18 March 2005

The SFC Smart Fuel Cell AG corporation (hereinafter "SFC") develops, produces and markets direct methanol fuel cell systems.

Caution: Products are used at the Customer's own peril and risk. Each product offers a function and safety which can be expected in accordance with the current state of science and technology on the basis of regulations for permits, operating instructions, regulations in the matter delivered on how the product should be handled (technical manual) – especially in view of the tests and checks prescribed there – and the other comments made there.

1 Terms of Business, Offer, Completion of Contract

1.1 Only the terms of business contained in this document apply to all offers, deliveries and services of SFC. The general terms of business of the Customer, if any, do not apply.

1.2 All orders (by telephone, email, fax or mail) become legally binding on the Orderer when they reach SFC.

1.3 The sales contract for a given order is effected by written confirmation through SFC or upon mutual preparation and execution of a special sales contract.

2 Delivery Date, Shipping, Delivery, Passing of Risk

2.1 Delivery date. The basis for SFC's obligation to deliver is the delivery date indicated in the order confirmation.

2.2 Delivery delays. If delivery is delayed, the Customer is entitled to set a reasonable deadline for delivery and to withdraw from the contract if this deadline is not met. In this case the Customer waives all rights to assert claims for damages vis-à-vis SFC which arise from withdrawal from the contract.

2.3 All delivery dates are subject to proper, punctual deliveries to SFC. If any of these do not take place at all or not on time, SFC reports this to the Customer.

2.4 Shipping and Passing of Risk. If it is agreed that the product is to be shipped rather than picked up by the customer, it is shipped at the Customer's risk. Risk passes to the customer when the matter to be delivered is transferred by SFC to the person carrying out the transport.

3 Prices, Terms of Payment

3.1 Net prices are given in the sales contract or the written confirmation from SFC as well as in the invoice. They apply ex SFC's seat of business without shipping costs (packaging, freight, transportation insurance, customs duties) and without value added tax insofar as nothing else is agreed to in writing.

3.2 Unless something else has been agreed to in writing, when products are picked up the gross sales price is to be paid in advance or upon transfer of the products. When shipping is agreed to, shipment only takes place when the amount due has been received. If, in an exceptional case, it is agreed that payment is due after the products have been picked up or issued, then the products continue to be the property of SFC until full payment inclusive of all additional costs to SFC which are due has been rendered.

3.3 In the event of payment default all the costs incurred by SFC as a result of the payment default are borne by the Customer.

4 Warranty

4.1 The agreed upon characteristics of a given product are only those characteristics, properties, qualities, performance data, functionalities and other attributes described in the documentation from SFC.

There are no further agreements on product qualities. In particular, SFC assumes no warranty that a product is suitable for a given application.

4.2 With justified notification of defects SFC decides freely upon due assessment of the circumstances whether to render rectification, substitute delivery or a credit for the purchase price or reduced value. If examination of goods reported as defective shows that a defect is not covered by SFC's warranty obligations, then the customer bears the transportation, work and other costs which arise in connection with this examination of these goods. In all cases the customer pays the costs for sending in damaged products.

4.3 The Customer loses any possible claims when, for example, operating instructions and warnings delivered with the products are not followed by the Customer or its customer; the product delivered is handled or stored improperly; the Customer uses a product together with other components, substances or materials in a way that is contrary to the documentation from SFC; or the Customer or unauthorised third party has tampered with the goods delivered or undertaken changes to them.

4.4 The Customer examines without delay all goods delivered by SFC. Any defects shall be reported by the Customer to SFC within two weeks of transfer of goods except that defects which cannot be recognized then shall be reported to SFC within 5 working days of being discovered. When defects are not reported or are not reported on time, the goods delivered are deemed to have been approved in respect to the alleged defects, and subsequent warranty claims by the Customer pursuant to this item in these Business Terms are excluded.

5 Liability

With slightly negligent causation of damages SFC is, for whatever legal grounds, only liable if its legal representatives or assistants have violated essential duties and then this liability is limited to compensation for damages which are typical and were foreseeable by SFC when the contract came into effect. Beyond that, liability by SFC in the case of slight or simply negligent causation of damages is excluded.

Insofar as SFC is liable pursuant to the preceding item 5.1, its liability to the Customer per incident is restricted to three times the net sales price of the goods delivered. If there is danger of greater damages, the Customer points this out in time to SFC in each individual case.

Claims by the Customer to compensation for damages pursuant to point 4 of these Business Terms fall under the statute of limitations one year after transfer of goods by SFC.

6 Place of Fulfilment, Law, Jurisdiction

6.1 The sole place of fulfilment for delivery and payment obligations is the seat of SFC.

6.2 All legal relations between the Customer and SFC are regulated by German law under exclusion of the UN Sales Convention. The place of jurisdiction for all disputes is Munich. SFC is also entitled to sue at the Customer's seat.

6.3 If one or more provisions in these Business Terms is or becomes ineffective or unenforceable in whole or in part, then the effectiveness of the remaining provisions is not affected.

6.4 Changes and extensions to these Terms as well as collateral agreements are only valid when made in writing.