



## Article list EFOY Industry

- EFOY Pro 900 / 1800 / 2800
- EFOY 80 / 150
- EFOY Fuel Manager
- EFOY Batteries
- EFOY Pro 800 / 800 Duo / 2400 / 2400 Duo
- EFOY Pro 12000 Duo
- Accessories

## New EFOY Fuel Cells: EFOY 80 / 150 and EFOY Pro 900 / 1800 / 2400

Fuel Cell: automatic charging device for 12 V und 24 V batteries (lead-acid, lead-gel, AGM and LiFePO4 batteries)

	Article	Article information	Article no.
	EFOY 80	Max. output power: 40 W	158 000 001
	- Basic Set	Dimensions (L x W x H):	158 000 002
	- BT Set	448 x 198 x 275 mm	158 000 003
	- OP Set	Fuel cell weight: 6,5 kg	158 000 004
	- OP-FM2 Set		158 000 005
	EFOY 150	Max. output power: 75 W	158 000 021
	- Basic Set	Dimensions (L x W x H):	158 000 022
	- BT Set	448 x 198 x 275 mm	158 000 023
	- OP Set	Fuel cell weight: 6,9 kg	158 000 024
	- OP-FM2 Set		158 000 025
	EFOY Pro 900	Max. output power: 42 W	158 000 041
	- Basic Set	Dimensions (L x W x H):	158 000 042
	- BT Set	448 x 198 x 275 mm	158 000 043
	- OP Set	Fuel cell Weight: 6,5 kg	158 000 044
	- OP-FM2 Set		158 000 045
	EFOY Pro 1800	Max. output power: 82 W	158 000 061
	- Basic Set	Dimensions (L x W x H):	158 000 062
	- BT Set	448 x 198 x 275 mm	158 000 063
	- OP Set	Fuel cell weight: 7,2 kg	158 000 064
	- OP-FM2 Set		158 000 065
	EFOY Pro 2800	Max. output power: 125 W	158 000 081
	- Basic Set	Dimensions (L x W x H):	158 000 082
	- BT Set	448 x 198 x 275 mm	158 000 083
	- OP Set	Fuel cell weight: 7,8 kg	158 000 084
	- OP-FM2 Set		158 000 085

### Accessories included in Basic Set:



Service Fluid



User manual

### Accessories included in BT Set:



Service Fluid



User manual



Brackets



EFOY Bluetooth  
Adapter BT2



Off-heat tube



Off-heat bow OH3



Insulated  
exhaust hose



Charge Line CL5 and fuses



External face  
plate



Fuel cartridge holder with belt

### Accessories included in OP Set:



Service Fluid



User manual



Brackets



EFOY operating  
panel OP3



Data line RJ 12  
1 meter



Off-heat bow OH3



Insulated  
exhaust hose



Charge Line CL5 and fuses

### Accessories included in OP-FM2 Set:



Service Fluid



User manual



Brackets



EFOY operating  
panel OP3



Data line RJ 12  
1 meter



Off-heat bow OH3



Insulated  
exhaust hose



Charge Line CL5 and fuses



Fuel Manager FM2



Power Cable FM



Rail holder



Data line RJ12 1m

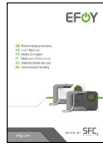
Mounting Plate and  
screw set

User Manual  
EFOY FM

## Accessories included in OP-FM4 Set



Service Fluid



User manual



Brackets



EFOY operating  
panel OP3



Data line RJ 12  
1 meter



Off-heat bow OH3



Insulated  
exhaust hose






Charge Line CL5 and fuses



Fuel Manager FM4 Set  
incl. accessories

EFOY Fuel Manager: FM2 / FM4 / FM8

Device to connect multiple fuel cartridges to the new EFOY or EFOY Pro fuel cell.

	Article	Article information	Article no.
	EFOY Fuel Manager FM2 Set	Device to connect 2 EFOY Fuel Cartridges to the Fuel Cell. Dimensions (L x W x H): 150 x 73 x 170 mm Weight: 0,97 kg	158 000 191
	EFOY Fuel Manager FM4 Set	Device to connect 4 EFOY Fuel Cartridges to the Fuel Cell. Dimensions (L x W x H):150 x 127 x 170 mm Weight: 1,73 kg	158 000 192
	EFOY Fuel Manager FM8 Set	Device to connect 8 EFOY Fuel Cartridges to the Fuel Cell. Dimensions (L x W x H): ): 150 x 235 x 170 mm Weight: 3,24 kg	158 000 193

Accessories included in EFOY Fuel Manager Set



Power Cable



Data line RJ12 1m

Mounting Plate and  
screw set






Rail holder



SFC Bus end part

User Manual





## New EFOY and new EFOY Pro Accessories

	Article	Article information	Article no.
	EFOY Bluetooth Adapter BT2 Set	Adapter to operate the EFOY and EFOY Pro fuel cells and EFOY batteries with the EFOY App <u>Article includes:</u> - Bluetooth Adapter with cable - Port Doubler	158 000 190
	Operating panel OP3 Industry Set	Operating panel for EFOY and EFOY Pro fuel cells <u>Article includes:</u> - Operating panel (4.3 " TFT Display) - data line (3 meters) - Port Doubler - DIN rail holder for the operating panel - screws	158 077 006
	DIN rail holder OP3 Set	DIN rail holder for the operating panel OP3 <u>Article includes:</u> - Din rail holder - screws	158 908 010
	Mounting plate MP3 Set	Mounting plate for the EFOY and EFOY Pro fuel cells	158 908 007
	Mounting plate Set EFOY Pro	Set of Mounting- and adapter plate for EFOY and EFOY Pro Fuel Cells <u>Article includes:</u> - Mounting plate - Adapter plate - knurled nuts for fixing adapter plate	158 908 008
	Adapter plate Set EFOY Pro	Set of adapter plate to fix the EFOY and EFOY Pro Fuel Cells towards the mounting plate of the former EFOY Pro generation. <u>Article includes:</u> - Adapter plate - knurled nuts for fixing adapter plate	158 908 009
	Bracket	Bracket for mounting the EFOY and EFOY Pro fuel cells (recommended amount for mounting: 2 brackets)	158 908 002
	Fuel cartridge holder	Fuel cartridge holder for M5 and M10 fuel cartridges	151 905 021
	Belt for fuel cartridge holder	Belt for the fuel cartridge holder	151 908 003
	Off-heat bow OH3	Diameter: 10 cm	158 903 001

	Off-heat tube OT3	Tube for mounting the off-heat bow OH3 Length: 20 to 40 cm Diameter: 10 cm	158 903 002
	External face plate	Diameter : 10 cm	151 903 013
	Insulated exhaust hose	Length: 1,2 m	151 904 003
	Charge line CL5	The Charge line is used to connect the EFOY and EFOY Pro fuel cells to the battery (Length 3m). <u>Article includes:</u> - Connecting line to fuel cell (3 m) - Fuse set Sense - Fuse set Power	158 906 018
	Connecting line (CL5) to fuel cell	Connecting line to connect the EFOY and EFOY Pro fuel cells to the battery (Length 3m). Article <u>without</u> fuses!	158 906 001
	Fuse set Sense	Fuse holder with 2 A fuse and flat plugs	158 906 013
	Fuse set Power	Fuse holder with 20 A fuse and flat plugs and mounting holder for the sense and power fuse sets	158 906 012
	Connecting Kit RJ12 3 meter	Connection kit to connect the EFOY fuel cell to the EFOY Li 70 and EFOY Li 105 battery <u>Article includes:</u> - Data line RJ12 3 meter - Port Doubler RJ12 - SFC Bus end part	155 906 008
	Connecting Kit RJ12 10 meter	Connection kit to connect the EFOY fuel cell to the EFOY Li 70 and EFOY Li 105 battery <u>Article includes:</u> - Data line RJ12 10 meter - Port Doubler RJ12 - SFC Bus end part	155 906 009
	Data line RJ12 1 meters	Data line to connect the EFOY and EFOY Pro fuel cells to the EFOY Li 70 and EFOY Li 105 battery or to connect the fuel cells to the operating panel OP3	158 906 002
	Data line RJ12 3 meters	Data line to connect the EFOY and EFOY Pro fuel cells to the EFOY Li 70 and EFOY Li 105 battery or to connect the fuel cell to the operating panel OP3	158 906 007



	Data line RJ12 10 meters	Data line to connect the EFOY and EFOY Pro fuel cells to the EFOY Li 70 and EFOY Li 105 battery or to connect the fuel cell to the operating panel OP3	158 906 021
	Communication-Kit for serial communication	Set for serial communication between a computer and your EFOY / EFOY Pro fuel cell  Article includes: <ul style="list-style-type: none"> <li>- Interface Adapter IA1</li> <li>- USB-RS232 Adapter</li> <li>- Data cable RJ45/RJ12 (1 meter)</li> </ul>	158 906 029
	Interface Adapter IA1	The interface adapter IA1 allows you to connect your EFOY and EFOY Pro fuel cell to a PC via the serial COM interface.	151 075 011
	USB-R232 Adapter	The USB adapter is required to connect the interface adapter to a PC with USB interface. This is a standard USB-to-Serial adapter	151 906 018
	Port Doubler RJ12-2*1,1	Adapter to simultaneously use the Bluetooth Adapters BT2 and the operating panel OP3 with the EFOY Li battery	158 906 009
	SFC Bus end part	End part to terminate the SFC Bus connection	158 906 016
	Router RUT240 Set	Router Set to connect the EFOY to the Internet  <u>Article includes:</u> <ul style="list-style-type: none"> <li>- Router RUT240</li> <li>- Power cable for Router (DC)</li> <li>- Outdoor Antenna</li> <li>- DIN rail holder for the Router</li> <li>- Ethernet cable (2 meters)</li> </ul> <u>Not included:</u> <ul style="list-style-type: none"> <li>- SIM card</li> </ul>	158 906 028
	Router RUT240	Router RUT240	158 906 022
	Power cable for Router (DC)	DC Power cable for Router RUT240 with open leads	153 906 083
	Outdoor Antenna	Outdoor Antenna	153 906 084
	DIN rail holder Router RUT240	DIN rail holder for the Router RUT240	153 078 097
	Fuel cartridge sensor FS2 SET	The fuel cartridge sensor FS2 monitors the fuel level in the fuel cartridge and signals when it drops below a preset level (pre-alarm).  <u>Article includes:</u> <ul style="list-style-type: none"> <li>- Fuel Sensor FS2</li> <li>- User manual</li> </ul>	158 905 003



	Service Fluid	Deionized water which is needed for the chemical reaction of the fuel cell Content: 100 ml	150 903 001
	User manual EFOY and EFOY Pro fuel cells	User manual in ten languages: DE, EN, FR, IT, ES, NL, SE, NO, DK, FI Also available online: <a href="https://www.my-efoy.com/service/downloads/">https://www.my-efoy.com/service/downloads/</a>	158 901 013
	User manual EFOY Fuel Manager		
	Power cable EFOY Fuel Manager	Cable to power the EFOY Fuel Manager	158 906 004
	Mounting plate EFOY Fuel Manager	Mounting plate for the EFOY Fuel Manager	158 908 004
	Rail holder Fuel Manager	Rail holder for mounting the EFOY Fuel Manager	153 078 030
	Screw set mounting plate FM	Screw set for mounting the EFOY Fuel Manager	158 908 005

## EFOY Lithium Batteries: Li 70 / Li 105

Battery: 12 V LiFePO4-Battery, can be used alone or in combination with an EFOY or EFOY Pro Fuel Cell.

	Article	Article information	Article no.
	EFOY Li 70 12 V Set	Nominal capacity: 70 Ah / nominal voltage: 12.8 V Technology: LiFePO4 Dimensions (L x W x H): 269 x 175 x 190 mm Weight: 11,8 kg <u>Includes EFOY Li Battery Equipment-Set</u>	155 000 032
	EFOY Li 105 12 V Set	Nominal capacity: 105 Ah / nominal voltage: 12.8 V Technology: LiFePO4 Dimensions (L x W x H): 368 x 175 x 190 mm Weight: 16,3 kg <u>Includes EFOY Li Battery Equipment-Set</u>	155 000 033

Accessories included EFOY Li Battery Equipment-Set:



Battery Activator







Battery Clamp Adapter M8



Sealing Plugs RJ12

User Manual



## EFOY Lithium Batteries spare parts and accessories

	Article	Article information	Article no.
	Battery Activator	Activates the battery from its transportation and storage "sleep mode".	158 906 017
	Battery Clamp Adaptor M8	M8 Clamp Adaptors to connect crocodile clamps to the EFOY battery Spanner size for "+ pole": 20 Spanner size for "- pole": 18	155 908 001
	Sealing Plugs RJ12	Plugs to protect the data interfaces	155 908 002
	User Manual	User manual in ten languages: DE, EN, FR, IT, ES, NL, SV, NO, DK, FI Also available online: <a href="https://www.my-efoy.com/service/downloads/">https://www.my-efoy.com/service/downloads/</a>	155 901 003
	EFOY Bluetooth Adapter BT2 Set	Adapter to operate the EFOY and EFOY Pro fuel cells and EFOY batteries with the EFOY App <u>Article includes:</u> - Bluetooth Adapter with cable - User manual	158 000 190

## EFOY Pro Fuel Cells: 800 / 800 Duo / 2400 / 2400 Duo

Automatic battery charger for 12 V batteries (lead-acid, lead-gel, AGM and LiFePO4 batteries)

Available until 30.06.2022

	Article	Article information	Article no.
	EFOY Pro 800	Max. output power: 45 W	151 000 220
	- Set	Dimensions (L x W x H): 443 x 188 x 278 mm	151 000 221
	- Duo Set	Fuel cell weight : 8,0 kg / 8,3 kg (Duo)	151 000 224
	- Basic		151 000 225
	EFOY Pro 2400	Max. output power: 110 W	151 000 222
	- Set	Dimensions (L x W x H): 443 x 188 x 278 mm	151 000 223
	- Duo Set	Fuel cell weight : 9,0 kg or 9,3 kg (Duo)	151 000 226
	- Basic		151 000 227

### Accessories included in Set and Duo Set:



Operating panel with  
surface mount and  
data line DL2



Mounting plate



Fuel cartridge  
holder



Belt for fuel  
cartridge  
holder



Service  
Fluid



Off heat tube



Off-heat bow,  
External face plate,  
Off-heat flange,  
Screw set



Charge line CL4



Insulated  
exhaust hose

User manual

### Accessories included in Basic and Duo Basic:




Service Fluid

User manual

# EFOY Pro 12000 Duo Fuel Cell

Automatic battery charger for 24 V or 48 V battery systems (lead-acid, lead-gel, AGM and LiFePO4 batteries)

	Article	Article information	Article no.
	EFOY Pro 12000 Duo Set	Max. output power: 500 W Dimensions (L x W x H): 640 x 441 x 310 mm Fuel cell weight : 32 kg	500 000 002

Accessories included in EFOY Pro 12000 Duo Set:



Initial Start-Fluid





Recovery Fluid

Insulated  
exhaust hose

User manual



## Accessories EFOY Pro 800 / 800 Duo / 2400 / 2400 Duo / 12000 Duo

	Article	Article information	Article no.
	DuoCartSwitch DCS1	The DuoCartSwitch is used to connect two EFOY fuel cartridges to one EFOY Pro fuel cell connector. <u>Includes:</u> <ul style="list-style-type: none"><li>- Port Doubler</li><li>- Connecting cables.</li></ul>	151 000 189
	Cluster Controller CC1	The cluster controller CC1 provides the following functions: <ul style="list-style-type: none"><li>- Operate up to 5 EFOY Pro's in parallel</li><li>- Connect the fuel cartridge sensor FS1 and PC interface adapter IA1 to the EFOY Pro</li><li>- Control EFOY Pro via remote-on pins</li></ul>	151 076 058
	Fuel Cartridge Sensor FS1	The fuel cartridge sensor FS1 monitors the fuel level in the fuel cartridge and signals when it drops below a pre-set level (pre-alarm). It should be combined with a GSM modem.	151 905 006
	Interface Adapter IA1	The interface adapter IA1 allows you to connect EFOY Pro fuel cell to a PC via the serial COM interface.	151 075 011
	USB-R232 Adapter	The USB adapter is required to connect the interface adapter to a PC with USB interface. This is a standard USB-to-Serial adapter	151 906 018
	Remote GSM Modem GSM-4	The GSM-4 Modem enables remote monitoring and management of the EFOY Pro fuel cell. <u>Includes:</u> <ul style="list-style-type: none"><li>- Alarm notification in case of system error or low fuel cartridge (as SMS text message or Email)</li><li>- Web Interface with data logging, remote control and parameter adjustment</li></ul>	151 906 086
	Remote Modem Antenna	Antenna to transfer the GSM Modem signal	153 906 035
	Remote MUX-2 Splitter	With the Remote MUX-2, it is possible to remotely monitor a solar charge controller via the GSM modem in addition to the fuel cell.	151 906 075
	Battery Equalizer	The battery equalizer keeps 12 V batteries connected in series (24 V / 48 V) in balance.	151 906 078
	Port Doubler RJ45-2x1.1	The Port Doubler RJ45-2x1.1 is necessary to connect several accessories to the EFOY Pro fuel cell.	151 906 035
	EFOY Updater	Update the EFOY Pro fuel cell with the latest firmware with the updater: Easy and free. <u>Includes:</u> <ul style="list-style-type: none"><li>- EFOY Updater</li><li>- Cables for connection</li></ul>	151 906 021

	USB Power Cable for EFOY Updater	Cable to power the EFOY Updater	151 906 053
	Data line DL2	Data line DL2 (10 m) for operating panel OP2.	151 075 033
	Operating panel EFOY Pro OP2	Operating panel OP2 for EFOY Pro fuel cells Includes: <ul style="list-style-type: none"> <li>- Display for values and settings</li> <li>- Surface mount frame</li> <li>- Operating panel with black frame</li> </ul>	151 077 056



## Accessories EFOY Pro 800 / 800 Duo / 2400 / 2400 Duo Only

	Article	Article information	Article no.
	Off-heat duct EFOY Pro	<u>Article includes:</u> <ul style="list-style-type: none"> <li>- Off-heat tube</li> <li>- Off-heat flange</li> <li>- External face plate</li> <li>- Off-heat bow</li> <li>- Screw set</li> </ul>	151 903 021
	Off-heat tube	Off-heat tube Length: 51 to 125 cm; Diameter: 10 cm	151 904 001
	External face plate	Diameter : 10 cm	151 903 013
	Off-heat flange EFOY Pro	<u>Article includes</u> <ul style="list-style-type: none"> <li>- Off-heat flange for the EFOY Pro</li> <li>- Screw set</li> </ul>	151 903 031
	Off-heat bow	<u>Article includes:</u> <ul style="list-style-type: none"> <li>- off-heat bow</li> <li>- Screw set</li> </ul>	151 903 029
	Mounting plate EFOY Pro	For secure mounting of the EFOY Pro on the ground or installation location.	151 908 012
	Fuel cartridge holder	Fuel cartridge holder for M5 and M10 fuel cartridges	151 905 021
	Belt for fuel cartridge holder	Belt for the fuel cartridge holder	151 908 003
	Insulated exhaust hose	Length: 1,2 m	151 904 003
	Charge line CL4	The Charge line is used to connect the EFOY COMFORT to the battery. <u>Article includes:</u> <ul style="list-style-type: none"> <li>- Connecting line (CL4) to fuel cell (1 m)</li> <li>- Cable with fuse 2 A sense</li> <li>- Cable with fuse 15 A power</li> </ul>	151 906 034
	Connecting line (CL4) to fuel cell	Connecting line to connect the fuel cell to the fuse cables; Length: 1 m	151 906 004
	Cable with fuse 2 A sense	Cable including 2 A fuse; Length: 50 cm	151 906 007
	Cable with fuse 15 A power	Cable including 15 A fuse; Length: 50 cm	151 906 024
	Extension cable power line 8m	Extension cable for power line; Length: 8 m	151 906 006

	Extension cable sense line 8m	Extension cable for sense line; Length: 8 m	151 906 005
	Remote IP-EFOY-Gateway	Remote Monitoring over TCP/IP Protocole	151 906 063
	Service Fluid	Content: 100 ml	150 903 001
	User manual	User manual for EFOY Pro 800 / 800 Duo / 2400 / 2400 Duo	151 901 117








## Accessories EFOY Pro 12000 Duo Only

	Article	Article information	Article no.
	Initial Start Fluid 1.5l	The initial-start fluid is necessary for the initial start after installing the EFOY Pro 12000 Duo.	500 903 001
	Recovery fluid 0.5l	The recovery fluid is needed if the display indicates that recovery fluid needs to be refilled.	500 903 002
	Insulated exhaust hose 1 m EFOY Pro 12000 Duo	During operation, the device will produce water vapour and carbon dioxide. These are led to the outside by means of the exhaust hose. The insulation prevents water from freezing. Length: 1.0 m / 3.28 ft	500 904 001
	User manual	User manual for EFOY Pro 12000 Duo	500 901 001




## EF0Y fuel cartridges

Fuel cartridges for the European market

	Article	Article information	Article no.
	Fuel cartridge M5*	Content: 5 l (capacity: 5,6 kWh). Dimensions (L x W x H): 19,0 x 14,5 x 28,3 cm Packaging unit: 2 fuel cartridges * not available in all countries	150 905 006
	Fuel cartridge M10	Content: 10 l (capacity: 11,1 kWh). Dimensions (L x W x H): 23,0 x 19,3 x 31,8 cm Packaging unit: 2 fuel cartridges	150 905 008
	Fuel cartridge M28	Content: 28 l (capacity: 31,1 kWh). Dimensions (L x W x H): 37,0 x 28,5 x 39,5 cm	150 905 040
	M28-Adapter	Adapter to use the M28 fuel cartridge	151 003 011
	Fuel tank MT60	Content: 60 l (capacity: 51,1 kWh). Dimensions (L x W x H): 34,0 x 39,0 x 67,0 cm	150 905 124

## EF0Y Fuel cartridges AS

Fuel cartridges for non-European markets

	Article	Article information	Article no.
	Fuel cartridge M10 AS	Content: 10 l (capacity: 11,1 kWh). Dimensions (L x W x H): 23,0 x 19,3 x 31,8 cm Packaging unit: 2 fuel cartridges	150 905 164
	Fuel cartridge M28 AS	Content: 28 l (capacity: 31,1 kWh). Dimensions (L x W x H): 37,0 x 28,5 x 39,5 cm	150 905 166
	M28-Adapter	Adapter to use the M28 fuel cartridge	151 003 011