

# SFC EMILY 3000



Article number **NSN** **NSPA**  
151 000 093 6116-12-409-5249

## Set includes

- 🔌 EMILY 3000 fuel cell
- 🔌 Service fluid, 100 ml
- 🔌 User manual
- 🔌 Exhaust hose
- 🔌 Insulation exhaust tube
- 🔌 Battery cable 200 cm

## Technical data

|                                      |   |
|--------------------------------------|---|
| Max. charging power per day          | 3000 Wh / day   |
| Nominal power                        | 125 W   |
| Nominal voltage                      | 12 / 16 / 24 V DC (suitable for lead-acid and Li-Ion charging)                    |
| Adjustable type of batteries         | Lead batteries 12 V / 24 V / Li- Ion (BB-2590-U / BT-70884) / Li-Polymer (3 cell) |
| Weight                               | 12.5 kg (27.6 lbs)  |
| Dimensions (length x width x height) | 476 x 206 x 286 mm (18.7 x 8.1 x 11.2 in)   |
| Operating temperature                | -25 °C to +50 °C (-13 °F to 122 °F)   |
| Data interface                       | MIL-C-5015 / VG 95234-20-11 SV (RS-232)   |
| Electrical interface                 | MIL-C-5015 / VG 95234-20-8 PN (Power)   |
| Noise emission                       | MIL-STD 1474D Table 2-II (> 30 m / 98 ft non detectable)                          |



## EMILY 3000 Spare Parts



### Exhaust tube

Leads exhaust and waste water out of the system; 120 cm length (sliceable). Material: silicone. Weight: 80 g

|             |                  |
|-------------|------------------|
| Article no. | 151 904 004      |
| NSN         | 4720-12-394-4330 |



### Service fluid, 100 ml

Service fluid is needed for the internal process. Only refill it if requested by the fuel cell. Weight: 120 g

|             |                  |
|-------------|------------------|
| Article no. | 150 903 001      |
| NSN         | 6810-12-383-1616 |



### Air filter unit, exchangeable

Changeable air filter to keep the process air inlet clean from sand and dust, also provides water protection. Weight: 20 g

|             |                  |
|-------------|------------------|
| Article no. | 151 046 022      |
| NSN         | 2940-12-382-0764 |



### Isolation exhaust tube

Insulation for exhaust hose for operation at subzero temperatures; insulation protects water in exhaust hose from freezing and blocking the exhaust air outlet; 45 cm length (sliceable). Weight: 10 g

|             |                  |
|-------------|------------------|
| Article no. | 151 095 068      |
| NSN         | 4720-12-382-0982 |

## EMILY 3000 Accessories



### Fuel cartridge holder with belt

The fuel cartridge holder keeps the fuel cartridges M5 & M10 to a fix position inside the vehicle. Belt included. Weight: 500 g

|             |                  |
|-------------|------------------|
| Article no. | 150 905 002      |
| NSN         | 5340-12-383-1788 |



### Mounting plate incl. shock absorbers

Necessary for vehicle integration, keeps the EMILY in the right position. Shock absorbers protect the EMILY against tough shocks/ vibrations while driving off-road. Weight: 3.5 kg

|             |                  |
|-------------|------------------|
| Article no. | 151 908 014      |
| NSN         | 2510-12-383-2834 |



### EMILY carrying bag

Robust solution with integrated structure to house one EMILY 3000 and a fuel cartridge (M5 or M10). Additional storage pockets on the outside. Weight: 7,7 kg

|             |                |
|-------------|----------------|
| Article no. | 151 902 054    |
| NSN         | NSN on request |

## EMILY 3000 Cables



### Battery cable

Cable to connect EMILY 3000 to 12/24 V DC vehicle battery; electrical secured with 2 fuses. Length: 200 cm. Weight: 920 g

|             |                  |
|-------------|------------------|
| Article no. | 151 906 027      |
| NSN         | 6150-12-382-0137 |



### Battery cable

Cable to connect EMILY 3000 to 12/24 V DC vehicle battery; electrical secured with 2 fuses. Length: 500 cm. Weight: 2.3 kg

|             |                |
|-------------|----------------|
| Article no. | 151 906 028    |
| NSN         | NSN on request |



### Battery NATO cable

Cable to connect EMILY 3000 to battery with NATO socket. Length: 500 cm. Weight: 2 kg

|             |                  |
|-------------|------------------|
| Article no. | 151 906 047      |
| NSN         | 6150-12-386-0098 |



### 3-way connector

Cable to cluster up to 3 EMILY 3000 systems. Length: 120 cm. Weight: 500 g

|             |                |
|-------------|----------------|
| Article no. | 151 906 087    |
| NSN         | NSN on request |



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