

Powering the Mission



EMILY 3000

providing camp, mobile and mounted fuel cell power to help soldiers complete the mission

mySmartFuelCell.com

The EMILY 3000 is ideal for stationary and mobile applications as a remote power supply and battery charging unit. Connecting directly to a vehicle's batteries, EMILY provides full electrical power without having to run the vehicle's engine. Electrical peak loads are compensated directly from the battery, while EMILY continuously monitors demand and, if necessary, provides autonomous and independent recharging. Connected to the 3G Power Manager, via an accessory cable, EMILY can power radios, radar and weapons systems or, at the same time, recharge several batteries. The mySmartFuelCell EMILY 3000 has an extremely low consumption rate with less than 100 ml per hour providing 2.2 kWh of electricity per day. With its small footprint and 12.5 kg weight the EMILY 3000 is ideal for vehicle or stationary based power generation.

Extremely low heat & sound signatures

Fully automatic & autonomous

Increased sustainability

SFC
ENERGY

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Overview

- Virtually silent operation compared to conventional generators
- Running a vehicle's engine is not required to charge the batteries or power electronics
- Numerous loads can be simultaneously supplied with power
- Significant reduction in vehicle maintenance and operating costs due to battery life extension and reduced engine operating hours
- Fully automatic and autonomous charging
- Ensures reliable power during deployments
- Simple and fast integration
- The SFC EMILY 3000, as well as the fuel cartridges, have a NATO supply number
- The fuel cartridges are approved for air transport in accordance with UN3473
- The SFC Emily 3000 can also be used as a stand-alone power supply
- Reduction in fossil fuel footprint and fuel convoy dependency

Technical data

Charging performance per day*	3000 Wh
Nominal power	125 W (Beginning +10 % / After 3000 hrs -10 %)
Nominal voltage	12 V / 24 V
Nominal current @ 12 V / 24 V*	10 A (limited) / 5.2 A
Weight	12,5 kg / 27.6 lbs
Dimensions L x W x H	476 x 206 x 286 mm 18.7 x 8.1 x 11.3 in
Operating time with 10 l*	up to 88 hours at 3000 Wh/day
Operating temperature	-25 °C to +50 °C -13 °F to 122 °F
Military ruggedisation & electromagnetic compatibility	MIL-STD

*All technical data under test conditions 20 °C / 68 °F.

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