



EFOY Pro 12000 Duo

Off-grid, back-up and on-board power, available when you need it

-  Proven technology
-  Long autonomy, maintenance free
-  Quiet and emission-free
-  Cluster for even higher power



Many applications often don't have access to the mains grid, limiting the possibility of installing equipment in remote areas without high logistic efforts. In command vehicles, reliable off-grid power can be very crucial. A lot of equipment – stationary and mobile – has to run around the clock reliably, and in all kinds of weather, also during grid breakdown and service shutdown.

Common power sources often do not provide enough power or are very expensive. Batteries have very limited autonomy. Generators are noisy, dirty, frequently need to be refueled and have to be maintained on a regular basis. Additionally, fuel has to be exchanged every three years when not in use.

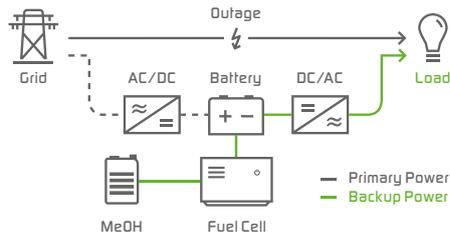
Fuel cells by SFC Energy supply reliable and always available power to all sorts of applications within the wind and oil & gas industry, for surveillance, traffic management, environmental sensors, communication technology, and many more.

With the latest EFOY Pro 12000 Duo, down times due to power outages can be minimized, ensuring 100 % availability. EFOY Pro 12000 Duo is very compact in design and can be easily integrated into 19 inch cabinets. By clustering the modules, even higher output power is available.

EFOY Pro Fuel Cell - Over 34,000 in the Market

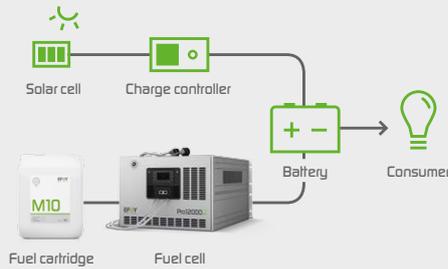
Back-up power supply

Wind and telecommunication industry



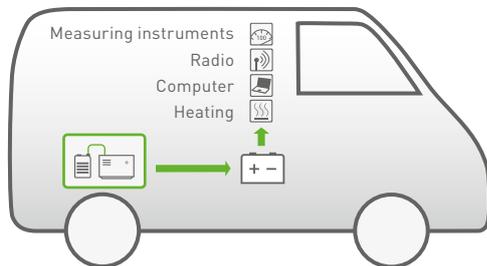
Off-grid power supply

Surveillance, traffic management and environmental sensors



On-board power supply

Command, control, law enforcement and defense vehicles



EFOY Pro 12000 Duo

Technical Data*

Max. nominal power*	500 W
Min. nominal power*	400 W
Nominal voltage*	24 V _{DC} / 48 V _{DC}
Weight	32 kg / 70 lbs
Dimensions (W x H x D)	640 x 441 x 310 mm (25.2 x 17.3 x 12.2 in)
Operating temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Nominal consumption	0.9 l / kWh (0.24 gallons / kWh)
Autonomy @ 500 W cont.	120 hours with 2 x M28 240 hours with 4 x M28

* Nominal power decreases with the operation hours. Specification valid within warranty period. Detailed information can be found on the datasheet.

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