



EFOY methanol fuel cell system

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## Lower Emissions and Reduce Fuel Costs with the EFOY Range for Leisure Boats

As the marine sector moves to align with regulations in lowering emissions and improving its green credentials, cleaner alternatives in innovative power generation are coming to the forefront. Leading provider of modern power solutions Fischer Panda UK brings new green energy options to the boating community through partnerships with companies that offer greener products such as the EFOY range.

EFOY methanol fuel cells can be installed into boats, yachts, and other off-

grid marine applications as a clean energy system that provides silent, low emission power and helps to reduce carbon footprints across the sector.

The EFOY fuel cell offers a compact, reliable, independent power generation source onboard to produce consistent power for equipment and power demands of up to 120w. The EFOY automatically recharges all common 12 V or 24 V battery types reliably, quietly and in an environmentally friendly way. The system runs off a tested and safe methanol fuel cell attached to the compact EFOY unit which allows the system to trickle charge batteries optimally and efficiently.

The product is hugely versatile and suits a variety of applications due to its compact size and easy installation. The EFOY system is available in a variety of models to suit different vessel sizes and energy requirements and offers the following benefits;

- Silent operation: the system operates silently, making it ideal for reducing noise onboard
- Low maintenance: with fewer moving parts compared to a generator, the EFOY system needs little maintenance, saving time and costs
- Compact design: the design allows for easy integration on board, maximising space and installation flexibility
- Sustainable Fuel Source: methanol cartridges offer a cleaner energy source and reduce carbon emissions compared to fossil fuels
- Automatic charging: EFOY automatically adjusts its power output to keep batteries topped up and ready for use, providing reliable peace of mind on longer voyages.
- Zero emissions: the unit produces zero emissions with the only output being a little excess water vapour which is safely discharged through an outlet.

The methanol fuel cells are easy to order and easily replaceable as well as the cartridges themselves being recyclable. Fischer Panda UK can take care of all your needs with this system and can deliver replacement cartridges for the system as required.

Chris Fower, Sales and Marketing Director at Fischer Panda UK said; “Our commitment to clean energy means we can offer customers a range of

greener, cleaner power solutions. The EFOY system is an ideal fit for eco-conscious leisure boaters or those requiring additional power generation.

Our longstanding expertise means we have a deep understanding of the needs of our customers as well as the challenges we all face in improving our green credentials. We want to help our customers on that journey and showcase what solutions are out there.”

For more information about the EFOY [partnership](#) and the new product offerings, please visit Fischer Panda UK's [website](#).

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## About Fischer Panda UK

Fischer Panda UK Ltd offers full-system design capability, servicing and aftercare as a leading distributor of diesel generators and a major supplier of the latest technology in air-conditioning systems, hybrid electric propulsion systems, integrated mobile power solutions and water makers for a variety of commercial and leisure vessels.

Renowned worldwide as innovative, reliable and extremely quiet, the extensive Fischer Panda range of compact diesel generators includes its next generation highly efficient and powerful variable speed iSeries-Generators. Fischer Panda generators from the Panda 4000s Neo up to the next generation iSeries Panda 45i genset have passed type approval by members of the IACS (International Association of Classification Societies) board.

Other world-class products from Fischer Panda UK include desalination systems from Sea Recovery, HRO, and Village Marine, with models suitable for day-boats to warships and offshore platforms, plus air-conditioning systems from leading marine HVAC supplier Dometic, CZone digital switching and Mastervolt power solutions.

Fischer Panda UK is ISO UKAS 9000/1 accredited and operates from a purpose built 9,000 sq. ft facility in Verwood, Dorset. Its experienced engineers, sales and operational staff work with OEMs to develop integrated systems for custom vessels and offer specialist technical support and on-going aftercare to its customers.

Also active in the military and automotive sectors, the company works with UK MOD and other armies around the world providing solutions for specialist vehicle and land-based applications. Two thirds of Formula 1 mobile truck units install Fischer Panda generators, as do the BBC, Sky and many other mobile broadcasting vehicles.

Operating since 1977, Fischer Panda GmbH is headquartered in Paderborn, Germany. The Fischer Panda team covers more than 500 technicians and partners in over 90 countries worldwide.

### **About Fuel Cell Systems**

FCSL is a UK based company, which has been applying fuel cells to real life tasks for 15 years. In that time we've accumulated a great deal of knowledge across all technologies and sizes of fuel cell. We provide fuel cells for CCTV towers, environmental monitoring, traffic signs and railway signalling, as well as for the motor home and marine markets.

We also design and manufacture innovative hydrogen production, storage and refuelling systems for a wide range of companies in the UK and Europe,

including the BMW Group, Toyota, the ZeroAvia passenger plane project, HydroFLEX (the first hydrogen powered passenger train in the UK) and the Milford Haven Energy Kingdom. We have helped to accelerate research, development and promotional activities that would not have been possible were it not for the availability of our innovative refuelling solutions. Additionally, our products are in demand across Europe and we have recently expanded our European operation.

Website: [www.fuelcellsystems.co.uk](http://www.fuelcellsystems.co.uk)

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