

FCS Rapid Deployment Case – Delivering Portable Power



Fuel Cell Systems Ltd is the UK's leading provider of consultancy, integration and distribution in the hydrogen fuel cell market. We have been applying fuel cells to real life situations since 2003.

Fuel cells provide an all-weather solution to the need for ongoing, remote power. They are emissions-free, have few moving parts and can operate for several weeks or even months without human intervention.

When coupled with an appropriate enclosure, a fuel cell can give you these extended runtimes whatever the location or climate conditions.

The FCS Rapid Deployment Case has been specially designed by Fuel Cell Systems in the UK, to house an EFOY Pro Fuel Cell, a lightweight LifePO4

battery and 16.5kWh of methanol fuel.



Rated for outdoor use and designed for portability, the case has in-built wheels allowing for easy transport. By removing the methanol cartridge, it is brought in line with a one-man lift. The case is lockable, and the tough construction ensures the fuel cell remains safe.

It has been used by the BBC to power cameras for its Winterwatch series in the Highlands of Scotland, by an acoustic consultancy to power noise

monitoring equipment and by police forces in the UK.

The Rapid Deployment Case can communicate data on its status, either integrated with the main data stream, or transmitted using FCSL's StackWatch remote monitoring system. So the system can work independently for several weeks, whilst you remain in control of the information it provides.





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Technical Information

Case Model	Peli 1620
Suitable for Fuel Cell Models	EFOY Pro 800 and EFOY Pro 2400 Duo
Number of fuel cells	1
Fuel cartridges	2 fuel cartridges. 1 x M10 and 1 x M5 (16.5kWh)
Temperature range	-20C to +50c
Dimensions (L x W x H)	630mm x 494mm x 352mm
Weight (empty)	15kg
Weight (full)	33kg
Battery	24Ah LiFePO4
Nominal voltage	12V
IP Rating	IP44
Fuel Capacity	11kWh/917Ah
Connector	4 pin XLR/screw terminals

“Our skills are in the selection and application of equipment and we are proud of our can-do, pragmatic approach. We are enthusiastic about intelligent, novel applications of the technology. If you believe you have an application where the use of a fuel cell would help, call us. We’ll give you a quick, clear and informed answer.”

Tom Sperrey, CEO

 <p>Fuel Cell Systems Ltd Station Yard, Hungerford, Berkshire RG17 0DY T: 01488 507050 E: sales@fuelcellsystems.co.uk www.fuelcellsystems.co.uk</p>	<p>Active Members of:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div data-bbox="950 1738 1101 1793"> </div> <div data-bbox="1149 1738 1312 1801"> </div> <div data-bbox="1352 1696 1523 1864"> </div> </div> <div style="text-align: center; margin-top: 10px;"> </div>
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