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**UltraCell® Selected to Develop Portable Fuel Cell for the UK MoD  
Portable Power Systems Program**

*UltraCell, ABSL Collaborate to Bring Efficient, Lightweight Power to  
Today's Modern Soldier*

**LIVERMORE, Calif., October 29, 2007** – UltraCell Corporation today announced its selection within the UK Ministry of Defence (MoD) Portable Power Systems Research and Technology Demonstrator Program, managed by ABSL Power Solutions Ltd (ABSL) and QinetiQ plc. Within the program, UltraCell will work closely with ABSL to develop a revolutionary compact and lightweight, high-energy power source for the modern infantry soldier.

The program marries UltraCell's groundbreaking reformed methanol fuel cell (RMFC) technology with ABSL's system integration and military product manufacturing capabilities. Together, the companies will mature a portable power system to a high Technology Readiness Level (TRL7) and deliver systems for field trials in early 2009 as required by the MoD.

Until now, mobile and remote electronic devices have relied on batteries or inefficient electric generators for power. UltraCell's RMFC technology – fueled by methanol, a renewable, lightweight fuel – offers an alternative energy source with highly specific energy that is smaller, lighter and more efficient than traditional electric generators, and longer running than batteries.

“The modern soldier system has an increasing demand for power. The weight of associated power sources is therefore considerable, which increases competition for other mission critical resources such as water and ammunition. Fuel-cell systems can reduce that weight and enhance the sustainability of the soldier over an increased period,” said Tom Liddell, Business Development Manager for ABSL's Soldier Modernization group. “The decision to down-select UltraCell became clear from results of our evaluation and assessment work – the technical performance and maturity of the company's robust, field-tested fuel cell technology is currently unmatched for our application.”

“ABSL is highly regarded for its experience in portable power sources,” said James Kaschmitter, UltraCell CEO and president. “Efficient mobile power solutions are especially critical in military scenarios where a mission's success may be dependent on long-lasting, reliable power. Combining the technology within UltraCell's XX25 system



with ABSL's premier development and manufacturing experience will no doubt produce the kind of groundbreaking power system the MoD needs."

#### **About ABSL Power Solutions**

ABSL Power Solutions specializes in the design, development and manufacture of advanced power systems for users who depend on performance and reliability.

ABSL offers complete system solutions, from the design and development of its own Lithium-ion cells, design of control electronics and SMART communications, assembly of battery packs, to the design and manufacture of SMART charging systems.

ABSL provides power solutions for a range of defense systems including remote unmanned, tactical communications, dismounted soldier, satellite communications and training systems. ABSL's experience includes work as power systems provider to General Dynamics UK, and Thales Optronics for the Bowman Communications System and the UK MoD's FIST program assessment phase, respectively. For additional information, please visit: [www.abslpower.com](http://www.abslpower.com).

#### **About UltraCell**

UltraCell is a leading producer of small, lightweight and energy efficient power solutions for mobile and remote electronic devices. UltraCell has pioneered reformed-methanol fuel cell technology as a high-density energy source that can be produced from renewable resources. Through its exclusive license with Lawrence Livermore National Laboratories for micro fuel cell technology, the company is bringing the benefits of fuel cell power to vital mobile and remote operations – such as military missions, emergency and disaster response, remote surveillance, and field research and exploration. For more information, please visit: [www.ultracellpower.com](http://www.ultracellpower.com).

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