



Unit 9, 12 Mars Rd
Lane Cove NSW 2066
Australia

Tel: +61 2 9420 0690
Fax: +61 2 9420 0692
www.cap-xx.com

CAP-XX (Australia) Pty Ltd
ABN 28 077 060 872
ACN 077 060 872

For Immediate Release

CAP-XX Automotive Supercapacitor Module successfully completes Cold Weather testing in Stop-Start applications

Sydney, 23 April 2012: Following the recent announcement of its development of a supercapacitor-based automotive Stop-Start system, CAP-XX has announced the completion of cold weather testing, in which the unit has delivered considerable performance and endurance improvements over traditional lead acid battery-only systems subjected to low temperatures.

In cold climate testing at -18°C , the supercapacitor-supported unit delivered a four-fold improvement in lead acid battery life against a 7.2 volt minimum cold cranking limit, and more than 8 times improvement in operational life at a 10 volt limit. 7.2 volts is widely recognised as an absolute minimum acceptable voltage required by a starter motor, whilst according to a leading European vehicle manufacturer, 10 volts is the minimum acceptable voltage for reliable Stop-Start performance and the maintenance of on-board electrical systems. Initial indications are that the supercapacitor module had considerable performance reserves available even after the failure of the lead acid battery.

Automotive Stop-Start applications represent an important emerging market opportunity for CAP-XX's supercapacitor technology, as vehicle manufacturers increasingly adopt Stop-Start and Kinetic Energy Recovery Systems (KERS) to reduce vehicle emissions and improve fuel efficiency. CAP-XX is now seeking partners to commercialise the technology globally with Tier-1 automotive component suppliers.

Anthony Kongats, CAP-XX Chief Executive said: "The preliminary results of our cold weather testing reaffirm the performance advantages available from a supercapacitor-enhanced system. Poor cold weather performance is a well understood shortcoming of



battery-only systems, and the performance improvement offered by our supercapacitor-based system appears compelling."

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About CAP-XX

CAP-XX (LSE:CPX) is a world leader in the design and manufacture of thin, flat supercapacitors and energy management systems used in portable and small-scale electronic devices. The unique feature of CAP-XX supercapacitors is their very high power density and high energy storage capacity in a space-efficient prismatic package. These attributes are essential in power-hungry consumer and industrial electronics, and deliver similar benefits in automotive and other transportation applications. For more information about CAP-XX, visit www.cap-xx.com or contact Peter Buckle, VP Sales & Marketing at sales@cap-xx.com.