News for Immediate Release

ELECTROVAYA BEGINS SHIPMENT OF THE POWERPAD 300 – PHOSPHATE SERIES
24 hour run time for Mobile Computers

Toronto, Ontario **– June 6, 2005**

Electrovaya Inc. (TSX: EFL) announced today that it has commenced shipping of the PowerPad 300 – Phosphate series, an ideal solution for many verticals requiring longer run-times. The PowerPad 300 – Phosphate series provides 300Wh of power using Electrovaya's Lithium Ion SuperPolymer® battery technology, and is expected to have a significant impact on the mobile community.

Compatible with many mobile notebook computers, the PowerPad 300 – Phosphate series is available in a compact size, 12" by 8.75" by only 1.25" thin, weighs less than 3 kilograms, and delivers up to 24 hours run-time. Its longer run-time is expected to be ideal for the growing healthcare market, while the existing PowerPad 80, 120 and 160 will continue to serve mobile users in other markets.

According to Rey Flores, Client Engineer - Microsoft MVP and Editor of MobileGadgetNews.com, "In my initial tests, the PowerPad 300 ran some of my Notebook & Tablet PCs for up to 27 hours of continuous run time. I consider the PowerPad 300 an excellent product for the mobility needs of a hospital or any power needy road warrior!"

"With its proprietary Lithium Iron Phosphate based chemistry, the PowerPad 300 – Phosphate series meets the objective of complete mobility for mobile computing" says Dr. James. K. Jacobs, Chief Technology Officer of Electrovaya. "Electrovaya's SuperPolymer® rechargeable battery technology is materials independent and we can incorporate most new materials as they emerge" continues Dr. Jacobs. "For small batteries, Electrovaya will continue to use industry standard Lithium cobalt oxide, which meets rigorous requirements for the highest energy density. We are pleased to be in a position to commercialize this unique phosphate based material invented by Dr. Goodenough and his team at the University of Texas, and further developed by groups in Canada," says Dr. Jacobs.

The Lithium Iron Phosphate cathode material is supplied by Phostech Lithium Inc., the exclusive supplier of this cathode material licensed by the University of Texas and Hydro Quebec.

"Phostech is delighted to see Electrovaya introducing a new product line such as the Power Pad 300 – Phosphate series using $LiFePO_4$ cathode powder" says Dr. Michel Gauthier, President of Phostech. "This exciting product is typical of the new generation of large lithium-ion battery applications, whose growth will depend on the availability of safe, environmentally friendly and extremely stable and performing cathode materials" continues Dr. Gauthier.

About Electrovaya:
Electrovaya's goal is to become the leading provider of tablet PC's, portable power for the notebook computer, aerospace and wireless sectors, and to apply its technology to a broad spectrum of alternative energy applications including UPS, stand-by power and zero-emission vehicles. It develops, manufactures, and sells high value products globally using award winning patented proprietary lithium ion SuperPolymer® rechargeable battery technology, that delivers the highest energy density of any battery technology on the market today. The Company's shares trade on the Toronto Stock Exchange under the symbol EFL.

About Phostech:
Phostech Lithium Inc. (www.phostechlithium.com) is the exclusive supplier of Lithium Ion phosphate cathode material licensed by University of Texas and Hydro-Québec for the next generation lithium-ion batteries.

For more information about Electrovaya and its products, please visit:
www.electrovaya.com

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