



Your Power Solutions Partner

## Press Release

### ALPHA TECHNOLOGIES AND FDK STRATEGIC PARTNERSHIP PRODUCES BREAKTHROUGH FOR SMALL CELL DEPLOYMENT

#### Collect™ 600 Addresses Power, Battery Backup, Installation & Aesthetics Issues

**Vancouver, BC.** October 18, 2015 – Alpha Technologies Ltd., the power behind the evolution of communications networks, and FDK CORPORATION (Tokyo Stock Exchange 2nd Section: Code 6955, “FDK”), today announced the release of Collect™ 600, a 48Vdc Small Cell power supply backed up by a unique Nickel Metal Hydride (Ni-MH) battery specifically developed by FDK. The initial solution from the Alpha-FDK strategic partnership, Collect shatters existing form/fit/function paradigms by providing a compact, ultra-reliable, maintenance-free solution for powering outdoor Small Cells. The Collect 600 will be on display in the FDK booth at the 2015 IEEE INTELEC Conference taking place at Swissotel Nankai Osaka in Osaka, Japan, on October 18-22.

“Outdoor Small Cell power has been such an enigma that some service providers have considered deployments that offer no battery backup,” said David Boroevich, Alpha’s Chief Marketing Officer. “We are pleased that Collect will allow them to provide battery backup that overcomes the vast majority of interruptions to the AC power grid, eliminating frustrating reboots of the Small Cell equipment. We partnered with FDK because its light-weight, compact Ni-MH battery met all of our requirements for size, battery reserve, temperature, and long life. To address concerns for aesthetics and public acceptance, we designed a very compact system that requires no maintenance, enabling service providers to “set it and forget it.” With the power issue resolved, we are eager to see how Collect affects the pace of outdoor Small Cell deployments.”

Hitoshi Matsushima, CTO of FDK, said, “The melding of FDK’s industry leading NiMH battery technology and Alpha’s innovative powering technology in the Collect 600 represents a break-through for the Small Cell market and telecom service providers around the world. We look forward to continue partnering with Alpha to bring other unique solutions to the global marketplace.”

The **Collect 600**, integrates battery backup with an AC/DC power supply in a compact, sealed enclosure designed to withstand harsh outdoor environments. Unlike other power systems for distributed wireless applications, the Collect 600 delivers 600 Watts of output power through six (6) sealed connection ports, with the ability to be individually cycled remotely. The Collect 600 provides over 10 minutes of battery backup at full load, to withstand the majority of interruptions in the AC grid. The lightweight (25lbs.), low profile (16” x 9” x 6”) enclosure is equipped with a universal mounting bracket, making it easy-to-install by a single technician on telecom poles, light poles or on the side of a building. While designed as a zero maintenance power supply with a unique battery and an industry leading warranty, the Collect 600 also offers high efficiency power conversion as well as advanced monitoring and control, including SNMP, at both the system level and for individual circuits.

#### About Alpha Technologies

For 40 years, Alpha Technologies has been an industry pioneer and global leader in the design and manufacture of AC and DC power. Our distinctive excellence is the ability to innovate and quickly deliver optimized solutions for our customers’ unique powering challenges in the Telecom, Cable Broadband, Traffic, Security, Industrial and Renewable Energy industries. Alpha’s TL 9000 certified quality system, award-winning product strategy and continuous improvement/operational excellence program focuses on achieving complete customer satisfaction and supplying solutions of the highest quality, value and reliability.

For more information, visit [www.alpha.ca/DAS](http://www.alpha.ca/DAS).

**About FDK**

**Company Name:** FDK CORPORATION

**Address:** 1-6-41 Konan, Minato-ku, Tokyo 108-8212 Japan

**Established:** 1950

**Business:** FDK CORPORATION is a manufacturer, which manufactures, sells and exports various kinds of batteries, rechargeable batteries, battery devices, electronic components and devices.

**Net Sales:** 76,365 million yen (FY2014)

**Employees:** 4,169 (Consolidated)

**Main Products:** Alkaline batteries, Ni-MH batteries, Lithium batteries, Carbon-zinc batteries, Power storage system, Li-ion capacitor, Electric lights, Production systems for batteries, Switching power supplies, Coil devices, DC/DC converters, Multilayer power inductors, Ceramic products, Toner, High frequency devices, Signal processing modules for LCDs

Paul Drabble

Marketing Manager

Alpha Technologies Ltd.

604-436-5900

[marketing@alpha.ca](mailto:marketing@alpha.ca)