

Your Power Solutions Partner

ALPHA TECHNOLOGIES ELIMINATES NEED FOR BATTERIES AT NETWORK EDGE

New Environmentally Friendly Products Improve Network Resilience in FTTH & Indoor DAS Networks

Vancouver, BC. September 29, 2014 – Alpha Technologies Ltd., the power behind the evolution of communications networks, today announced the launch of two new products that utilize copper cables to deliver power to devices at the edge of the network. Continuing its longstanding efforts to minimize the need for deploying batteries deep in the network, Alpha announced the LPS04, an extension of its popular LPS36 family of $\pm 190\text{Vdc}$ Line Power products. The Company also announced the availability of its Aggregator™, a product that was sneak-previewed at this year's DAS and Small Cells Congress. The Aggregator is an NEC Class 2 device that enables the combination of multiple cables to deliver power to larger iDAS remote nodes.

“One of our methods of improving the resilience of the telecommunications network is reducing the number of small batteries spread throughout the network,” said Grant Clark, Vice President of Product Management & Development. *“Our outdoor Line Power solutions, like the LPS04, enable carriers to use their embedded copper cable to power remote devices from their very robust and reliable central office power plants. And our indoor Line Power products, like the Aggregator, dramatically reduce the capital requirements for powering indoor DAS networks while powering the remote nodes from the power system at the DAS host site.”*

The **LPS04** is a 4-circuit line powering up-converter module that is environmentally sealed for easy deployment in harsh outside plant environments. Its wide operating temperature range and rugged, sealed enclosure make it ideal for installation inside or outside an existing telco cabinet.

The **Aggregator** combines multiple NEC Class 2 circuits into a single 48V output for powering larger remote iDAS devices. When used in conjunction with Alpha's eLimiter™ family of products, the Aggregator meets the requirements of NEC Class 2 circuits, enabling DAS and Small Cell providers to use conventional cable to deliver a low cost, high reliability iDAS network.

Alpha will be launching the LPS04 and the Aggregator at both OSP Expo 2014 and INTELEC 2014. Visit Alpha at Booth #1323 at OSP Expo 2014, taking place September 30 – October 2 at the Baltimore Convention Center in Baltimore, Maryland. www.ospmag.com/expo Visit Alpha at Booth #418 at INTELEC 2014, taking place September 28-October 2 at the Vancouver Convention Center in Vancouver, British Columbia. The Alpha Group is proud to be the Diamond Sponsor for INTELEC 2014. www.intelec2014.org

For over 35 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 and ITS, 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

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