

Your Power Solutions Partner

ALPHA TECHNOLOGIES LAUNCHES THE NEW HIGH PERFORMANCE LPR SERIES OF LINE POWERING REMOTE SUPPLY UNITS, FOR FTTH AND MUNI WIFI NETWORKS

Vancouver, BC. April 28, 2014 – Alpha Technologies Ltd., the power behind the evolution of communications networks, today announced the launch of the new **LPR Series** of Line Power HP remote supply units. The **LPR** is a family of DC-DC Downconverters that transforms +/-190Vdc into 12Vdc or 48Vdc for powering Optical Network Terminals (ONT) in a FTTH network, or access points in a Muni Wi-Fi deployment. It is a line powered system that uses the copper telephone network and eliminates the need for utility power and back-up batteries.

The unit is packaged in a compact, environmentally hardened enclosure that is designed to be installed outdoors on the side of the house, multi-dwelling unit or building, or on aerial strands. Its features include:

- +/-190V to 12V or 48V DC-DC Downconverter for line powering Fiber to the Home (FTTH) or muni Wi-Fi networks
- High efficiency >90% for reduced OPEX costs and carbon footprint
- Utilizes existing copper pair for distributing power
- Reduces truck rolls and operating expenses by eliminating the need for batteries at remote sites

Unlike other single channel DC-DC Downconverters, the **LPR** family has been designed for higher power efficiencies, providing more extended power backup and lower operating costs.

“The LPR series is a breakthrough product. It offers significant feature improvements for the single channel line powering down-converters to address Single Family and Multi-Dwelling FTTH, as well as Muni WiFi applications,” noted Mourad Chergui, Product Manager - DC Products at Alpha. “It converts ± 190 Vdc to 12 or 48 volts and provides up to 60W to power the ONT or access point, and does so in a very compact, outdoor rated, easy-to-install package.”

For more information, visit www.alpha.ca/LPR

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, 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

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