



ALPHA BACK-UP POWER SOLUTIONS

Solving Unique Powering Challenges with Innovative Solutions

Wireless • Utilities • FTTH/Triple Play • Security

Wireline • DAS • Transportation/ITS • PON

ALPHA BACK-UP POWER SOLUTIONS

Compact DC Power Systems

Alpha Cordex 1.2kw High Efficiency DC Rectifier

- Wide range AC input – 120/208/240VAC
- 10 to 225A capacity
- Compact fan-cooled design
- Remote connectivity standard
- Remote battery testing/reporting
- 1, 2, & 3 RU versions available with distribution options
- Complete front access
- Full power output to 65°C (149°F)

Advanced Modular Inverter/UPS System

Reduce your energy costs by using a fully-redundant, high efficiency AMPS system

- Scalable designs up to 75kVA capacity using 2.5kVA modules
- Innovative inverter system design can be configurable as a standalone UPS
- AMPS systems accommodate redundancy in less footprint than traditional N+N systems
- Advanced design eliminates the need for a static transfer switch, improving reliability
- Up to 94% efficiency with filtered AC output

FTTX Power

Power customer ONTs directly from the meter – no need for access inside the subscriber's home

- Indoor and Outdoor ONT power solutions
- 15W, 32W & 50W Indoor ONT UPS
- Outdoor converters to power directly from the meter
- 48Vdc outdoor UPS for SBU/MDU applications

Hybrid UPS AMPS 80

Cordex Power System
48V-10000A

FP1215

CXPS-E101
100A Power System

Line Power LPS36



Central & Distributed Power System

Power solutions for Cell Site, CO, MSC, Data Center and Headend Facilities

- 225A to 10,000A capacity
- Flexible integrated distribution and standalone BDFB options
- Industry leading touchscreen controller with customizable alarming and remote monitoring

Cabinets & Racks

Full line of outdoor cabinets for power and battery applications up to NEMA 4

- Fully integrated solutions – power systems and batteries
- Pole mount, pad mount, wall mount options
- Active and passive heat dissipation options
- NEBS L3 Zone 4 Seismic Rated 5 and 6 tray battery racks

DAS & Fiber to the Desk Power

Use NEC Class 2 Compliant remote power to significantly reduce installation costs

- Eliminate conduit and armored cable using circuit controlled 48Vdc
- Indoor and Hardened Outdoor AC power for remote nodes
- Use remote power for an entire LAN network, eliminating desktop batteries

Line Power

Utilize existing copper to power ONT, DSLAM, municipal wifi from the CO – no batteries or utility AC at field site

- Up to (48) 100VA channels per 2RU shelf
- Best in class at 93% efficient
- Available in 19" and 23" formats
- Compact outdoor down converter for 12V & 48Vdc loads

Outdoor UPS

Power your security cameras, DSLAMs, and wireless nodes/gateways with a UPS designed for Outdoor use

- Dual 120VAC & 24VAC outputs
- Local and remote monitoring and control via Ethernet SNMP interface
- 100VA to 2000VA capacities
- Operating temperature up to 74°C (165°F)



YOUR POWER SOLUTIONS PARTNER

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What's the difference at Alpha?

Our distinctive excellence is the ability to out-innovate and out-problem solve our competitors, and quickly deliver optimized solutions for our customers' unique powering challenges. We focus on system-level efficiency and lowest total cost of ownership, extending our efforts beyond simply the modules and other building blocks that comprise a power system.

Intelligent control reduces energy costs

Our systems feature intelligent controllers that dynamically optimize the number of active power conversion devices needed to power the load. This energy efficiency approach not only reduces energy costs and helps the environment, but also provides financial justification for our customers to modernize power plants to include new features such as remote monitoring and control.

Focus on service, quality and reliability

Alpha's TL 9000 certified quality management system governs the design, development, production, delivery, installation and maintenance of products and services. Combined with an award-winning product strategy and continuous improvement program, we achieve complete customer satisfaction by delivering solutions and service of the highest quality, value and reliability.

Let Alpha take the stress out of your power...

If you have a unique powering challenge, no matter how big or small, contact us with your specific needs at 1.800.667.8743 or email sales@alpha.ca

Visit our online catalog at www.alpha.ca

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Your Power Solutions Partner

The Alpha Group Alpha Technologies Ltd is a proud member of The Alpha Group - an alliance of independent companies who share a common philosophy - to create world class powering solutions. Collectively, Alpha Group members develop and manufacture AC, DC and renewable power conversion, protection and standby products, featured in millions of operational installations around the world today.

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