

DC REMOTE POWER PACKAGES

ORDERING GUIDE



an EnerSys® company

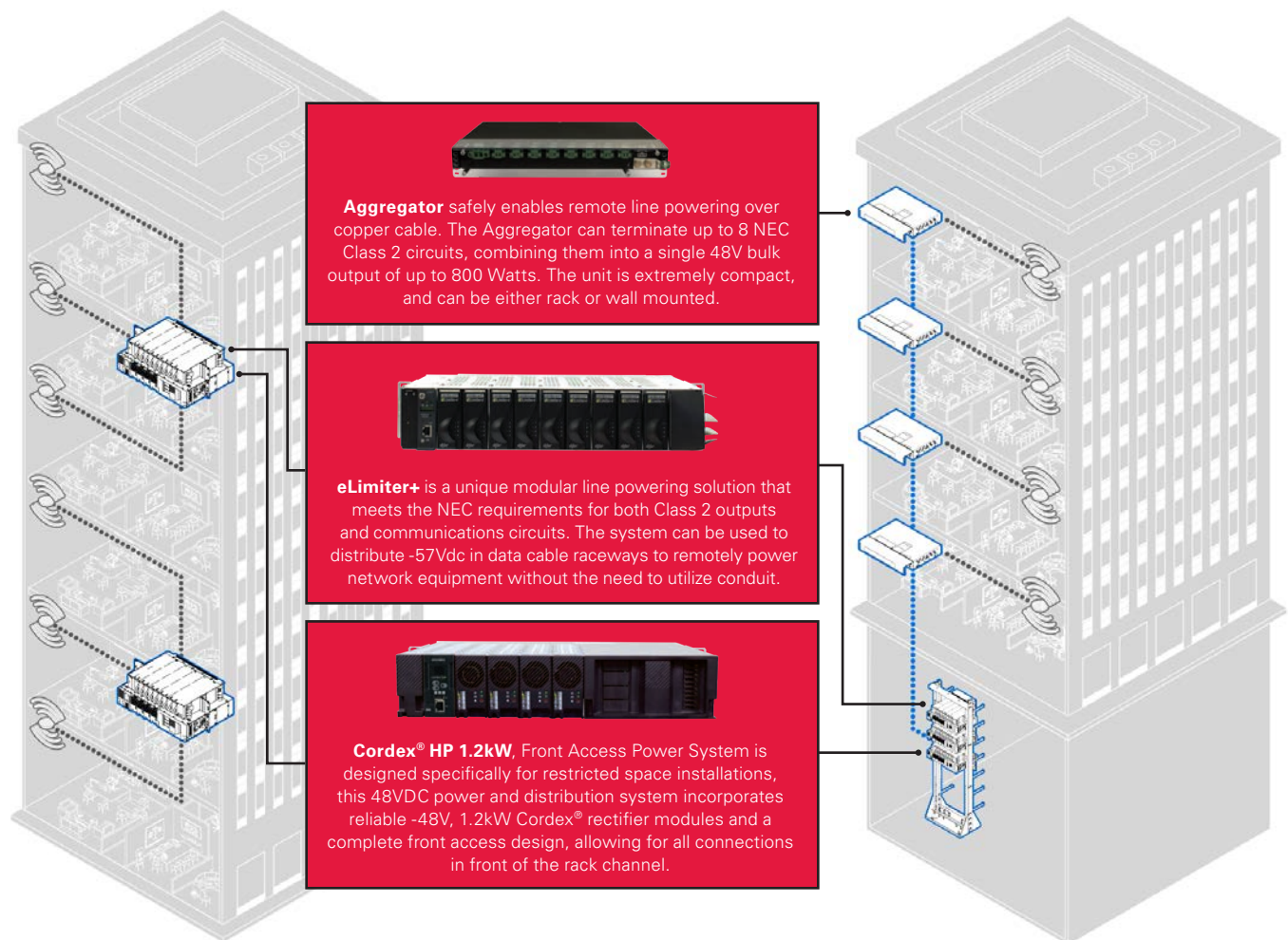
DC REMOTE POWER PACKAGES

Alpha, the leader in powering wireless and wired networks, has been remotely powering those networks for over 10 years pioneering the remote power market and the first with compliant systems in outside and inside plant alike. With more remote power circuits than any other OEM today, the eLimiter+ can deliver lower CAPEX and OPEX while maintaining all safety certification and compliance in black and white agreement to the NEC.

Understanding the competitive nature of the enterprise and wireless markets alike Alpha has become a partner to use for a competitive advantage not just against traditional infrastructure but like OEMs in the remote power tech space as well.

Beyond PoE: Alpha has powered -48VDC devices under 100W at 300ft / 500ft / and even up to 1000ft using the eLimiter+ standard output and larger loads over 100W using our aggregator.

As majority of DC systems being modular in deployment you can expand your solution with modules and no need to add significant labor or other equipment costs.



MAJOR COMPONENTS

There are two components to the Alpha DCRP Package. The first component are the Shelves which are common in all packages. This includes the connecting cables between the 1.2kW rectifier and eLimiter+ shelf.

The second component are the modules which will be selected based on the number of outputs required. Any package that is not initially fully outfitted with the maximum of 36 output circuits can be expanded in the future.



Cordex® HP 1.2kW Front Access Rectifier Shelf System

High performance modular rectifier shelf with 2RU footprint and positions to tie energy storage directly into -48VDC feed. Compact, fan cooled design with advancements in efficiency (lower BTUs) and power consumption reducing total cost of ownership and impact on the environment.



eLimiter+ 100VA Class 2 Converter System

Energys' Alpha eLimiter+ is a modular remote DC power class 2 PDU. With the highest circuit and power density in a 2RU footprint on the market. With industry leading efficiency and environmental standards drastically lowering OPEX and supporting green initiatives, the eLimiter+ supports more than a cost effective CAPEX without the need of electricians and conduit.



PICK YOUR SYSTEM

The DCRP Kits are comprised of two components.

1. Chassis Kit

This includes both the 1.2kW 2RU -48Vdc Shelf & eLimiter+ Shelf as well as cables for interconnection and breakers. This item is required for all Alpha DCRP kits.

DCRP Chassis Kit	P/N: 0380455-002
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2. Channel/Output Kit

This portion of the kit will be based on the number of output circuits required for your applications. The kit will include the rectifiers, DC/DC modules, blanks and other variable components required to meet the specified output circuit quantity. The maximum number of circuits for our kits is 36.

Choose one:

DCRP 36 Channel Kit	P/N: 0380456-001
DCRP 32 Channel Kit	P/N: 0380457-001
DCRP 28 Channel Kit	P/N: 0380458-001
DCRP 24 Channel Kit	P/N: 0380459-001
DCRP 20 Channel Kit	P/N: 0380460-001
DCRP 16 Channel Kit	P/N: 0380461-001
DCRP 12 Channel Kit	P/N: 0380462-001



ADDITIONAL ITEMS

A. 8 port Aggregator & 4 Port Aggregator

Aggregator combines up to 4 or 8 class 2 inputs to a bulk -48VDC output for high power devices such as PoE switches, high power ONTs, next generation mobile wireless systems, and endless IoT possibilities all while maintaining class 2 circuit integrity and compliance to the NEC and NFPA specifications.



8 Port Aggregator Class 2 Circuit Aggregation Device

P/N: 0120046-001

4 Port Aggregator Class 2 Circuit Aggregation Device

P/N: 0120081-001

B. Battery Back Up

For systems under 3000W and limited runtime and footprint you can use our Continuity 3000, equipped with field-proven Digital Signal Processor, is the ideal UPS system for Servers, Networks, Storage, Telecommunications and Industrial Equipment.

For longer runtimes and larger loads we can use 12V Northstar or Enersys battery lines, ensuring resiliency and reliability for mission critical solutions.



Continuity 3000 Convertible Indoor On-line UPS Series

P/N: 0170011

External Battery Pack (additional runtime you can add external battery packs)

P/N: 0320006-001

C. Wiring

Multiple pair counts and gauges in available for all load and distance scenarios in both hybrid fiber copper solutions as well as standalone copper cables.



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