

CXPS-E101

48Vdc Power Systems



Your Power Solutions Partner

- Integrated -48V power system packages in 225A or 100A configurations
- Ultra compact, high density design utilizing standard plug-in circuit breakers
- High efficiency design for reduced operating expenses
- High temperature rated, fan-cooled design for harsh outdoor installations
- Wide range AC input and IEC line cords for multiple AC services



Cordex High-Performance (HP) rectifiers make a proven, reliable platform even better, with significant advancements in efficiency and performance. Featuring a compact, fan-cooled design, HP rectifiers open the possibility to wider ranges of applications and immediate OPEX/CAPEX savings, reducing total cost of ownership and impact on the environment.

The CXPS-E101 series is the ideal solution for small to medium 48Vdc applications, with configurations of 225A or 100A capacity. With universal 19/23" mounting, high temperature operation, compact height and 15" depth, it is a perfect solution for a wide variety of installation scenarios including those in harsh, outdoor environments.

The CXDM-E1 distribution center provides (10) plug-in breaker positions for load distribution, (2) battery breaker positions, integrated shunt and low voltage battery disconnect (LVBD). With the shunt positioned to measure battery current, a higher accuracy of battery float current is achieved while the system is able to report load current by calculation.

The modular CXCM1 controller includes a web server, providing easy setup via local or remote IP access, using a standard Internet browser. The CXCM1 also includes LED indicators and an LCD screen for voltage and current display.

The CXPS-E101 can be easily integrated into customer provided relay racks or enclosures or can be ordered factory-installed into various Alpha relay rack configurations, including systems with pre-wired battery trays.

