48V power supply for communication sites used in subways

Overview

This article presents a scalable and stackable –48 V DC PoL solution that will address the high density power usage situations created by these high density networks from the tremendous growth in network traffic. converting unstable AC input into stable, regulated 48V DC power for telecom equipment. Integrated DC system capability with controller and distribution module options, allow customers to have a complete DC Power System in 1U height. As DC power. The LXPower48200S is specially designed to meet the demand for compact, flexible, high performance, high reliability power supply. The system consists of 1-4 units LXPower3000 high/standard efficiency rectifier modules of their mixture, a LX2000 monitor module, AC/DC distributors. Because DC. The choice of -48V DC for powering telecommunications equipment is a standard practice rooted in a blend of historical precedent and a suite of technical benefits that ensure the robust, efficient, and safe operation of telecommunications networks. This standard is not arbitrary but is the result.

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For more information, pricing, or custom solutions, please contact us:

Website: https://professionistidelverde.it
Email: info@professionistidelverde.it
Phone: +49 176 4829 3715
Address: Friedrichstraße 123, 10117 Berlin, Germany

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