



POWER CAPACITOR BANKS

Installation and application of Power Capacitor Banks minimize energy loss and help to reduce costly utility bills.

inoLECT's custom-engineered Power Capacitor Banks are designed for application on industrial, commercial, and transmission and distribution power systems that are in need of power factor correction. Our team implements a range of solutions, including Metal-Enclosed, Stacked-Rack, and Pole-Mounted applications, as fixed or automatically-controlled, with 1 or more stages.

We have successfully implemented hundreds of these solutions across many different industries including wind, mining, paper, chemical, petroleum and transmission and distribution.

Our Products:

- **Metal-Enclosed 600V to 38kV**
- **Pole-Mounted 1000V to 38kV**
- **Stacked-Rack 1000V to 230kV**
- **Single or Multi-Stage**



The use of power factor correction capacitors is the simplest and most economical means of providing the reactive power required for the operation of inductive loads. The power capacitor banks are designed for application in outdoor or indoor substations and come fully assembled, tested, and ready for implementation.

Our team conducts onsite audits and data collection, performs engineering and design, oversees the manufacturing of the products, installs and commissions them and performs ongoing maintenance, training and support.

Our Products

Metal-Enclosed Power Capacitor Banks:

Metal-Enclosed power capacitor banks are custom configured to meet a wide variety of requirements, including switching, disconnecting, grounding, protection, control, and capacitor bank connections. They can be furnished with an integrated protection system that is located in an isolated compartment that is integral with the capacitor bank enclosure, or be located remotely in an E-house or control room.



Stacked-Rack Power Capacitor Banks:

Stacked-Rack Capacitor Banks are most applicable where large blocks of three-phase kvar are required. Capacitors and auxiliary equipment are installed in welded or bolted aluminum racks. Racks are shipped ready for field installation including base and inter-rack insulators, substructures, interconnecting bus wire and other specified accessories for a complete three phase system.



Pole-Mounted Power Capacitor Banks:

Pole-mounted capacitor bank solutions can be customized according to your specific needs. These components are highly-dependable, and easy to install. This bank package offers overall system improvements such as improved power factor, system capacity release, loss reduction, voltage stability, improved power flow and cost savings.



We can help your facility implement and maintain power quality solutions, customized to fit your needs.



Visit inoLECT.com for more information or call your Representative for a FREE Consultation Today.

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