

HV Capacitor & Filter Banks

OBC Series

OBC Series Capacitor Banks are manufactured to be used at indoor and outdoor PFC (Power Factor Correction) applications over 1 kV with high quality power capacitors and filter or damping reactors on aluminium or galvanized steel construction.

Our construction design combines easy and fast assembly. The systems are shipped in wooden cases as modular parts for the fastest and easiest assembly, taking into account the ease of transportation, storage and assembly.

OBC Series Capacitor Banks are used for tuned or detuned harmonic filter bank applications, SVC systems and classical power factor correction systems.

OBC Series Capacitor Banks are suitable for applications of transformer fixed bank or motor fixed bank or multistep central automatic capacitor bank system at different voltage and frequency.

OBC Series Capacitor Banks can be designed to be used indoors or outdoors in a suitable outdoor area such as steel kiosks or concrete kiosks, depending on demand and requirements.

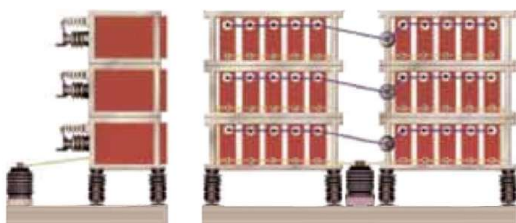
Advantages

High Voltage Reactive Power Compensation, Harmonic Filtration, Voltage regulation and other PFC application at;

- Power Generation
- Power T&D
- Renewable Power Plants
- Industrial plants

Technical Specifications

- Nominal Voltage : from 3 kV to 170 kV
- Nominal Frequency : 50 Hz or 60 Hz
- Nominal Power : from 250 kVar to ... MVar
- Standards : IEC 60871-1



Advantages

The modular, compact, and robust design is optimized for easy future expansion of the system, simplifying transportation, storage, and installation.

Proven equipment uses with documents and references from internationally accredited laboratories.

- High quality and low maintenance design with simplified and high quality product.
- Simplified modular structure offering easy installation, maintenance and easy and fast replacement of parts when needed.
- Design suitable for external or internal, galvanized steel or aluminum construction with high resistance to rust and corrosion.
- Design and factory tests that meet the requirements of the latest version of the relevant standards and the special requirements set by the customers.
- Tailor made design and application for each one plant.
- Licensed and safe packaging that facilitates long-term storage, international transportation and stacking.
- Factory test reports, transport, storage, installation, commissioning, maintenance, and operating instructions delivered electronically and in hard copy.

Standards

- IEC 60143-1
- IEC 60871-1