



A Single Source Window For Time
Proven Reliable Products



YEARS OF LEGACY

FOR ENERGY SAVING AND QUALITY IN ELECTRIC SUPPLY



WHO WE ARE

We are one of the oldest capacitor manufacturers in the India.

With 62 years of experience behind us, not only in manufacturing of capacitor but in application of various types in various uses.

Our experienced technical team mentored by Late Mr. D. M. Tagare, “Pitamaha” of capacitor industry in India, a well known engineer in the capacitor world and an author to 3 Capacitor books to his credit namely.

1. The electrical power capacitors Design & Manufacture, Published by Tata McGraw-Hills.
2. The electrical power capacitors Accessories for High Tension Capacitor Banks.
3. The electrical power capacitors Reactive Power Management

We have an up to date infrastructure in manufacturing of capacitors.

I. Automatic capacitor winding machines with edge folding & start & finish folding. Low partial discharge better performance.

II. We have 8 Vacuum and Drying Ovens reaching vacuums upto 0.005 mm of Hg. Also vacuum drying of oil whereby last traces of trapped air & moisture removed.

III. We have an extensive testing section with - A.C. & D.C. high voltages upto 100 KV & 300 KV.
- An Impulse Voltage Generator up to 300 KV X 1.2/50 μ sec wave shaped peak.
- Schering Bridges for LV & HV Capacitors along with CO₂ / SF₆ reference electrodes.
- A Variety of shunt reactors which enables us to carry on Thermal Endurance test on all types of capacitors & reactors which we produce. Temperature controlled auto cloves.

IV. Testing of our products.

- Our products have been routine & type tested in independent testing laboratories.
- We have an ISO Certificate.
- We have CRISIL Certificate.
- We export our products & carry out testing as per IEC standards when required.

We have an experienced staff (over 25 year's experience) dedicated to offer you

- i. Optimal reactive power design and layouts.
- ii. Erection & commissioning when asked for
- iii. Field services & Services after Sales.

Our satisfied & regular customers are as old as we are, that is 62 years upto date.
We invite you to join this happily satisfied group.

OUR PRODUCTS

HIGH TENSION CAPACITORS



As a package, we supply associated equipment Viz. current limiting or harmonic suppression reactor, Residual Voltage Transformer (RVTs), Isolators, LA, CTs, PTs, HT Control Panels. Ours is a single stop shop for complete capacitors package including erection and commissioning.

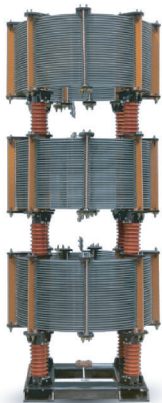
The capacitors are designed for low loss and stable construction. We manufacture the APP type oil cooled high tension capacitors. Our HT capacitors are type tested (including life endurance test) at recognized laboratories.

Product Range: 1.1KV to 40KV (Single Phase/ Three Phase) We offer assembled banks upto 12 MVar in single

Benefit:

- Low dielectric losses (<0.2w/Kvar)
- Excellent Performance and Reliability
- High Current Handling Capability
- Longer Electro-chemical Life Span
- Environment Friendly
- High Thermal Stability

SERIES REACTORS



We manufacture magnetically shielded type, Air cored and Oil cooled series reactor. 0.2% Series reactor prevent to limit inrush current & 6% series reactor to suppress harmonics, partly as a harmonic filter.

Product Range: 0.2%, 6%, 7% (Aluminum wound/ copper wound) Testing: Routine and Type Test as Per

Benefits:

- Inrush current limiting
- Harmonics reductions
- Provide Smooth Power supply
- High Thermal Stability



SURGE PROTECTION CAPACITORS

We have standardized the Surge Protection Capacitors range. A special construction gives low loss and very low inductance capacitors. These capacitors are used for smoothing down the frontal attack on system insulation arising out of a passing surge voltage wave.

Product Range: Microfarads: 0.1 μ F, 0.125 μ F, 0.25 μ F, 0.5 μ F

Voltage: 40kV, 36kV, 24kV, 18kV, 15kV, 12kV, 6.6 kV, 3.3 kV, 440V

Function: Surge suppression & reducing intensity

Application: Generator Protection, Bus Duct Protection, Transmission Line Protection against transient surges



LOW TENSION CAPACITORS

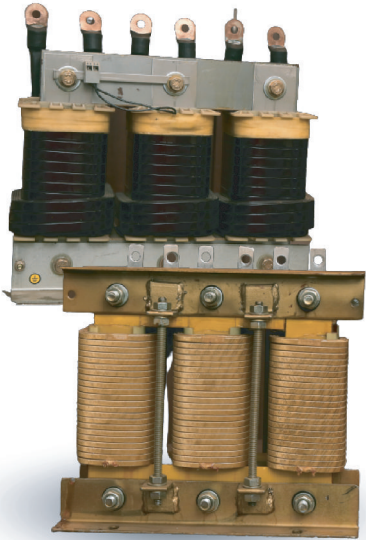
We produce and supply all Polypropylene Type (oil cooled) Low Tension Capacitors. The Low tension capacitors are used for power factor improvement.

Product Range: 5, 10, 12.5, 15, 20, 25KVAR (single / multiter formations as per requirement)

Benefits:

- Inrush current limiting
- Harmonics reductions
- Provide Smooth Power supply
- High Thermal Stability

DETUNED HARMONIC FILTER REACTOR



We are one of the well-known manufacturer and suppliers of Harmonic Filters. Our product is constructed using perfect quality raw material gained from the reliable vendors of the industry. The filters we offer are rigorously pass through specific tests done by our skilled quality auditors, to secure its quality and durability. These are extensively praised by our precious clients for their superior quality. These can be availed by the valuable clients with different specifications at the affordable cost.

Product Details:

- General Purpose - To Suppress the Harmonics
- Special Purpose - To deal with 3rd, 5th, 7th and Higher Harmonics
- Capacitors and Tuning Reactors - To suit data from Harmonic analysis

Features:

- Strong construction
- Longer service life
- Outstanding functionality
- Temperature Protection: Microswitch(closed)
- Max. Current: Upto 120%
- Frequency: 50Hz / 60Hz

HT OUTDOOR SYSTEMS



We Supply capacitors mounted on steel racks for outdoor

Product Range: 3.3KV to 132KV (Kvar as per

Testing: 400V to 530V

Benefits:

- Elimination of power factor penalties & securing incentives
- Saving in KVA (demand) Charges
- Reduction in current drawn
- Increase life of switchgear cable due to reduced temperatures
- Improved voltage regulation.
- Low space required
- Low and easily maintenance

OUR SERVICES



PQ & Harmonic
Analysis Study



Annual Maintenance
Contract



Thermography Study



Healthiness Check-up of Capacitor Panels &
HT Capacitor Banks



Healthiness Check-up of
Capacitors & Reactors

OUR CLIENTS



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