



NUTECHNO

Automation Private Limited



Reliability

Process

Productivity

Repeatability



AUTOMATION



About Us

Nutechno Automation Pvt. Ltd. is a Company Specializing In engineering, consulting, manufacturing and integration of automated production systems. We provide innovative technological production systems. We provide innovative technological solutions to a wide range of customers in the fields of manufacturing and industrial processes with the help of our team of qualified experts In mechanics, electricity, automation, robotics, instrumentation and information systems. Our talented employees focus their energy on helping businesses meet the challenges of today's new economic realities, such as globalization, competitiveness and ever changing commodity and energy prices. We provide solutions to special purpose machinery and also design and develop the same in all manufacturing fields.

Vision



Our vision is to provide high quality automation solution and spm with best engineering services for reducing human intervention and errors and to also improve product manufacturing quality and same product every time

Customer Focus



Our performance as perceived by our customers determines our quality. Market success is dependent on our ability to consistently provide products and services that meet or exceed customer expectations and applicable requirements. As a result, we listen to our Customers constantly in order to know their requirements and successfully Implement improvements in our operations based on their requirements.

Mission

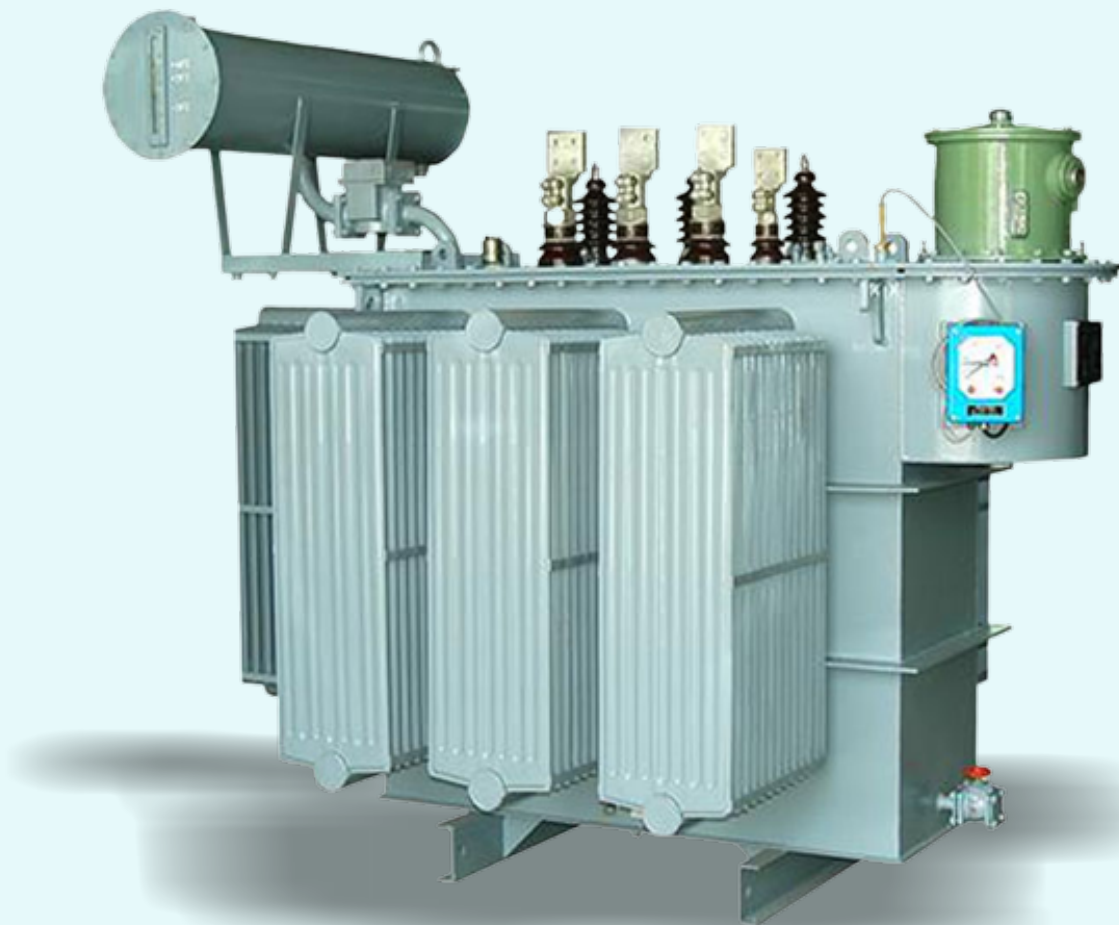


Nutechno Automation Pvt. Ltd. will go the extra mile in fulfilling its vision and committed to providing highest quality product, Competitively priced with services exceeding our customer expectations we continue to invest in facilities, systems and human resources in every venture that we undertake.



DISTRIBUTION TRANSFORMER

LT/HT 132 Kv / 33Kv / 11Kv / 440 Volt





STABILIZERS

Air-Cooled and Oil Cooled Stabilizer



[Air Cooled]
Upto 200 KVA



[Oil Cooled]
Upto 3200 KVA

Unbalance Type, Indoor Model		
Input Voltage Range	Output Voltage	Frequency
360-460 Volts 340-480 Volts 295-460 Volts	415 Volts \pm 1% 380 Volts \pm 1%	50 Hz
Digital Micro Controller Based 4 Line Display		
Efficiency	Response Time	Correction Rate
98%	10M Sec	30 V/ Sec or Below
High/ Low CUT-OFF		
Overload & Short Circuit Protection		
Over Voltage & Under Voltage Protection		
Single Phase Prevention		
Phase Reversal Protection		
100 Event Logs for fault diagnostics		
Inbuilt Contactor, MCB & Bypass Upto 100KVA		



UPS

SINGLE PHASE ONLINE UPS [1/2/3 - 10 KVA]

- DSP based digital controller
- True sine wave
- Double conversion online
- Input near unity power factor
- Input current harmonic suppression
- Sleek & low foot print
- On-time deliveries



SINGLE PHASE ONLINE UPS [5KVA - 20KVA]



- Single Phase Online UPS (5KVA - 20KVA)
- Online Double Conversion (VFI Technology)
- IGBT Based DSP Technology
- High Input Power Factor
- Inbuilt Galvanic Isolation Transformer
- Inbuilt RS 232
- Inbuilt Manual Changeover Switch
- Suitable for all types of load (IT/ Healthcare/ Process etc)
- Wide Input Voltage Tolerance
- Cold Start Feature
- Long life power electronics grade capacitors with 10 Years design life
- Low MTTR & High MTBF
- Low MTTR & High MTBF

THREE PHASE ONLINE UPS UPTO 480 KVA

- Suitable for all types of load (IT/ HealthCare/ Process/ Machines/ Infra etc)
- Online Double Conversion (VFI Technology)
- IGBT Based DSP Technology
- Inbuilt Galvanic Isolation Transformer
- Inbuilt Static Switch
- Inbuilt Manual Changeover Switch
- 100% Unbalance load
- Inbuilt RS 232
- Small Foot Print
- Wide Input Voltage Tolerance
- Cold Start Feature
- Long life power electronics grade capacitors with 10 Years design life
- Suitable for Regenerative Loads
- Low MTTR & High MTBF



APFC Pannel



Features :

Fast Real Time Transient-Free switching of Capacitor Banks.

Prevents damage to sensitive electronic equipment in network.

Highly intelligent micro processor based 3 phase P.F. Controller with Dual P.F. Setting and Master Slave modes.

LCD Controller has inbuilt with Load Manager with front optical port.

Optional plugable Data Logger, Ethernet, USB, Rs485, GSM modem and capacitor protection modules.

Saves Energy with P.F Control and Harmonic Filtration.

Extremely long life expectancy.

Available with Tuned, 7%, 5.6%, 4% or any other Tuning frequency as per customer request.

System is available with Contactor switching for non-dynamic and normal loads – Ratings and Dimensions are same as Active Comp System.

Protection and Control Power Distribution System.



AC Rating Volts	:	0 – 500V.
AC Rating Amps	:	100 – 4000A.
[Based on customer's requirement.]		
AC Rating Frequency	:	50Hz.
Rated Insulated Voltage	:	690V.
Temperature	:	Rise Up to 35°C Rise over 50°C ambient.
Degree of Protection	:	IP 52, 54, 55, 65.
Power Busbar Size	:	Al. or Cu. Busbar.
Over current Protection	:	Properly.
Enclosure Painting	:	7 tank Powder Coated Paint and as per Client's requirement.
Panel Mounting	:	Floor / Ground Mounted, Wall Mounted Mounted on Angle Frame.
Current Monitoring	:	Possible.
Phase Monitoring	:	Configuration Possible.
Type Test performance	:	Short Circuit with Stand temp. rise with stand, Degree of Protection.
Product Warranty	:	12 Months from Date of Supply



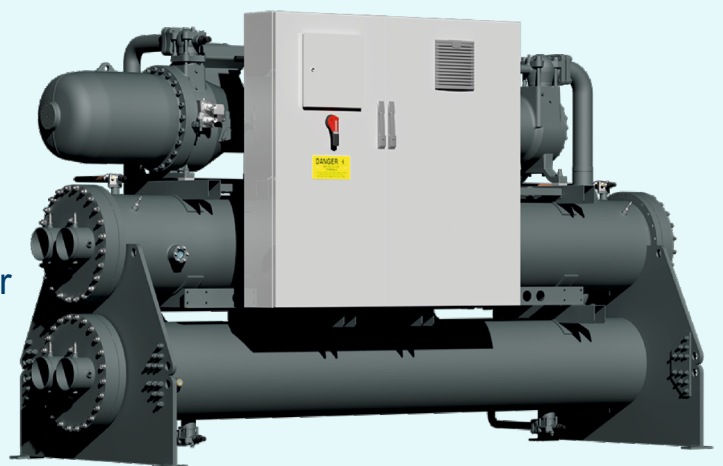
Air Cooled Chiller



- Integrated water-side economizer
- Variable Volume Ratio (VVR) compressor
- Rapid Restore® and Fast Loading®
- Best-in-class turndown
- Leading efficiencies MicroTech® III controls

Water Cooled Chiller

- Magnetic bearing technology
- Quiet operation
- Up to 40% greater efficiency
- Variable Volume Ratio (VVR) compressor
- RapidRestore® and Fast Loading®
- MicroTech® III controls



HT / LT-VCB Panels



No. of Poles	Rated Current	Brand
3/4	630/1250Amp S/w Gear	Schneider/L&T/ Siemens/Abb/C&S
Voltage: As on requirement		
Frequency	Material	Phase
50hz	Halogens-free plastic materials	3
Automation GradeAutomatic		
VCB Panel - Outdoor / Indoor		
VCB Panel – Out door & Indoor type is made out of 14/16 SWG CRCA Steel, suitable for operation on 11kV, AC earthed system.		

The Panel contains the equipment's and components complete with bus bar interconnections, control wiring, designation labels, caution notices, EB sealing and pad locking facilities wherever required. Necessary space is provided for entry of HT cables from the bottom through detachable gland plates.

11KV LBS Load Break Switch Panel



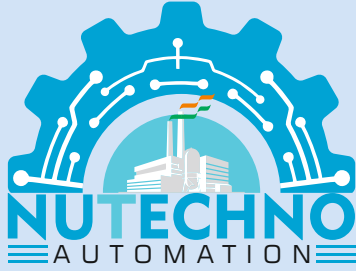
Voltage
415
Phase
Three Phase
Type
Medium Voltage
Material
Mild Steel
Frequency
50

- Load Break Switch 630A, 26.3KA, triple pole, spring assisted hand operated type with quick break contacts. With earth - switch and interlock, as per IS-9920, IEC265.
- HT HRC fuses of suitable rating
(Access to the HT Fuse chamber is possible only after switching OFF the LBS)
- Sealing Facility Provided as per EB norms Since these panels are installed outdoor, these are developed to be sturdy and resistant to varying ranges of temperature, which confirms to IP55 as per IS/IEC 60947-1-2004.

Air Compressor



Air Compressor			
S. no.	Items	Unit	Specification
1	Discharge Pressure	Bar	As Per Requirement
2	Air Flow	CFM	Up to 4000
3	Motor Rating	HP	Specify
4	Compressor Technology	--	Specify
5	Auto power cut off	--	Specify and Quote
6	Lubrication	--	Specify
7	No. of Stages	--	Specify
8	Cooling Technology	--	Specify
9	Receiver Tank Capacity	litre	500 and above



NUTECHNO

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*We Would Love
to Hear From You!*

