

EXPORTABLE PRODUCT PROFILE OF GREEN ENERGY CONSULTANT

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HIGH VOLTAGE ISOLATORS from 11 kV to 420 kV, with current rating upto 4000 Amps, which are required by POWER SECTOR for generation, transmission and distributions of power, and Sub Stations.
The product is tested as per relevant IEC standards.
Quality Systems have been accorded ISO 9001 : 2000 Certificate.



Complete range of **Surge Arresters** form L.T to ultra high voltage surge Arresters (0.5kV to 1200kV) ,which covers **Polymer Surge Arresters** also.
The designs are type tested according to the IEC 60099-4 2014



Oil-Insulated Current Transformers (CT) up to 800 kV
Compliance with IEC and IEEE
All the Current Transformers have been type tested as per IEC standards



Oil-Insulated Potential Transformers Transformers (PT) up to 800 kV
Compliance with IEC and IEEE
All the Current Transformers have been type tested as per IEC standards



Hollow & Solid core Insulators for substation applications, Porcelain Disc, pin, & post insulators as well as Composite Long Rod insulators for T&D lines, and insulators for railway electrification.
Insulators cater to all voltage levels, right up to 1200 KV lines.



UPS with single & three phase output system with range available from 1 kVA to 300 kVA.

Online UPS is eminently suited for application in Banks, Small Networks, Servers, IT Equipments, Telecom, V-SAT, ATM, Medical, Small & Medium Data Centres.

Online UPS, IP11 (1:1 Phase) - 1 kVA to 10 kVA
Online UPS, IP31 (HF) (3:1 Phase) - 10 kVA to 20 kVA
Online UPS, IP33 (HF) (3:3 Phase) - 10 kVA to 20 kVA
Online UPS, IP33G (3:3 Phase) - 10 kVA to 300 kVA



Batteries:- Nickel Cadmium, Lead Acid including VRLA and Tubular Plate Batteries

Applications:- Telecoms, Oil & Gas, Power Utilities like Power Generation, Transmission and Distribution Networks, UPS & Inverters, Solar Power for ON Grid Inverters, OffGrid Power back up, Solar Pumping System and Roof Top Solutions.



BATTERY CHARGER

Advanced High Frequency Design

Suitable for Charging Range 32AH to 200AH.

Wide Range of AC Input:- 150V -275V AC



INDUSTRIAL BATTERY CHARGER

Range:- 15Amps to 500 Amps, DC Voltage to suit Battery Bank.

Input Supply:- Single Phase and Three Phase.

Topology:- Float, Float cum Boost, Float & Boost Redundant.



Variable frequency drive (VFD) for the following applications :-

Pumping, ventilating and compressing
Positioning, processing, moving and machining



Variable frequency drive (VFD) for the following Industries :-

Food & beverage industry
Automotive industry
Heating, ventilating and air conditioning (HVAC)
Water and wastewater industry
Paper industry
Oil & gas
Chemical industry
Logistics
Wind turbines, hydroelectric power and photovoltaic system

SOFT STARTERS for the following applications :-

Pumps
Fans / Blowers
Conveyors
Compressors
Agitators
Crushers
Saws

Range:- 5 - 300HP .



Pump Motor Sets :-Water Supply for

Domestic use in
Bungalows, Apartments, Hotel, Farm
Houses, Hospital, Sprinklers and watering gardens



APFC Capacitor Panel (Automatic Power Factor Correction Capacitor Panel)

Application Type :- Textile, Hospital, Cement Plant, Sugar Plant, Chemical Industry

Voltage:- 415V-33KV

The APFC control will be available in 1 to 16 Steps depending upon requirement, higher steps on request, in variable steps of 50 KVAR, 100 KVAR, 150 KVAR, 200 KVAR, Other ratings on request



LIGHTING TRANSFORMERS :- 3 PH Dry

Type transformer (Three Phase Dry Transformer) up to 200 KVA.



LED Hanging Profile Light
(12W,18W,24W,30W,36W & 40W)



LED Recessed mounted panel Light
(12W,18W,24W,30W,36W & 40W)



LED Well Glass Light
(30W,35W & 40W)



LED Flame Proof Light
(30W,40W & 60W)



LED High Bay Lights
(80W,100W,120W,140W,150W,180W & 200W)



LED Decorative Lights
(6W,15W,20W & 25W)



LED Flood Lights

(50W,60W,80W,120W,135W,150W,
180W,200W,250W,300W,350W,400W,500W)



LED Steet Light

(20W,25W,30W,36W,40W,45W,60W,
70W,72W,90W,100W,120W,150W,200W,220
W,250W)



Micro programmable logic controllers (Micro PLC) with optional expansion I/O. Impressive communications capabilities, an advanced instruction set, and a large memory (program and data register) make the same an ideal fit for applications that previously required larger, more expensive programmable controllers. In addition, its high-speed performance makes them especially suited for sophisticated machine-control and complicated process control applications.



Key Features:
 Networking: Modbus Master/Slave, Modbus TCP/IP Client/Server, Toshiba Inverter/ASD, and Others
 Advanced Math: Double Register, Floating Point, Log, and AntiLog
 Integrated Setup Software: Same Software Programs all the OIS PLUS (Operator Interface Stations) as well as Micro PLCs
 Wide Variety of I/O Modules: HS Inputs, PWM Outputs, Thermocouple, and RTD
 Computer Control Instructions: I/O Interrupts, For-Next Loops, Subroutines, Indirect, and Addressing
 Communications Modules: SMS Modules.
 IEC 61131 Programming Option

Pressure Switch
 (With both Bellow , Diaphragm & Bourdon Tube Type Sensors for a wide Range of Pressure measurement Applications)



Flow Switch
 (With both PaddleType and PistonType for a wide Range of Flow measurement Applications)



Level Switch
 Level Switches at a specific liquid, powder or bulk level. Capacitive, conductive, diaphragm, displacer, float, inductive, optical, paddle, vibrating rod, tilt, and tuning fork models are the different types of level switches available.



Temperature Switch
 (Both Blind Type and Blind cum Indicating Type Option available for various Applications)



Pressure Transmitter

Water ,effluent treatment,Oil and Gas ,Pump Control in various Industrial Applications.



Level Transmitter

Different Type like Ultrasonic,Radar,Guided Microwave ,Magnetic, Capacitance,Hydrostatic are available.



Temperature Transmitter

(With Thermocouple,RTD Inputs used in HeatTreatment,Furnace,oven,Foundry,Chemical,Power Plant,Petro Chemicals,Pulp and Paper Industries.)



Flow Transmitter

The different Types, viz, Ultrasonic, Paddlewheel: in-line, adjustable and fixed, electromagnetic: adjustable, in-line and fixed, and turbine: in-line are available.



Pressure Gauges

They are widely used for **Pressure** measurements for **industrial** purposes, particularly in power, refineries, chemical, petrochemical, pharmaceutical, food, refrigeration, air-conditioning and sanitation **industries**.



Level Gauges

Widely used in all the Industries particularly in Chemicals and Petroleum Industries



Temperature Gauges

There are Temperature Sensor applications in many industries including medical, motorsport, HVAC, agriculture, industrial, **aerospace** and automotive.

