

#INDUSTRY4.0

READY PRODUCTS AND SERVICES

for

UPTIME

Industry 4.0 environment needs reliable quality of electrical Power. We @ TechnoVision ensure, your mission critical equipments remain actively functional with our reliable quality power products and services.

**YOUR SEARCH FOR TRUSTED PARTNER IN
POWER BACKUP & POWER QUALITY ENDS HERE.**



POWER SOLUTIONS

Since

2001

Installations

51,359+

+91 20 24390 063 / 093 / 841

www.technovisionenergy.com



CORE PURPOSE

Protect Mission critical equipments backed by Technology and Trust.

We improve ourselves to bring high standard of products and services to ensure UPTIME for your application and fetch you RoI made on our products and services.

OUR RANGE OF PRODUCTS ARE LISTED HERE:

ONLINE UPS - SINGLE PHASE

(1P-1Ph) 1 KVA to 10 KVA
(3P-1P) 10 KVA to 40 KVA



⚡ FEATURES

- ▶ PWM - IGBT based Rectifier and Inverter.
- ▶ Near Unity PF & High Efficiency
- ▶ Sleek Design
- ▶ Digital Microcontroller based Circuits
- ▶ Isolation Transformer
- ▶ Hot Standby and Parallel Redundancy

⚙️ APPLICATIONS

- ▶ Printing Machines
- ▶ Packaging machines
- ▶ Industrial Equipments
- ▶ Laser Equipments
- ▶ Medical Equipments
- ▶ IT networks
- ▶ Communication Equipment

✓ ADVANTAGES

- ▶ Machine Safety
- ▶ Increased Uptime
- ▶ Low Maintenance cost
- ▶ Lower or Negligible production loss
- ▶ Power backup ensures no damages to machines

ONLINE UPS - THREE PHASE

(3P-3P) 10 KVA to 500 KVA



⚡ FEATURES

- ▶ Rugged Industrial Design
- ▶ Nr Unity PF & High Efficiency
- ▶ Digital Microcontroller based Circuits
- ▶ Galvanic Isolation
- ▶ High Operating Efficiency
- ▶ Better THDi parameters
- ▶ Intelligent Battery Management
- ▶ For Unbalanced loading

⚙️ APPLICATIONS

- ▶ Printing & Laser
- ▶ CNC, VMC Tooling Machines
- ▶ Packaging machines
- ▶ Industrial Equipments
- ▶ Medical Equipments
- ▶ IT networks
- ▶ Plastic Molding Machines
- ▶ Automation and Robot

✓ ADVANTAGES

- ▶ Machine Safety
- ▶ Increased Uptime
- ▶ Low Maintenance cost
- ▶ Lower or Negligible production loss
- ▶ Power backup ensures no damages to machines

SERVO STABILIZER

1Ph-1 KVA to 30 KVA 3Ph-10 KVA to 500 KVA



⚡ FEATURES

- ▶ Uses solid state control circuits.
- ▶ Quick response time 10 msec.
- ▶ Excellent regulation $\pm 1\%$.
- ▶ Professional grade components for high reliability
- ▶ No wave-form distortion.
- ▶ Not affected by load power factor
- ▶ Very high efficiency above 95%.
- ▶ Very low No Load loss

⚙️ APPLICATIONS

- ▶ CNC Machines
- ▶ Bio Medical and Laboratory
- ▶ Scientific Equipment's
- ▶ Printing / Textile Machineries
- ▶ Large Computer Installations
- ▶ Telecommunication
- ▶ IT networks
- ▶ Plastic Molding Machines
- ▶ Automation and Robot

✓ ADVANTAGES

- ▶ Stable power
- ▶ Equipment safety
- ▶ Energy saving
- ▶ Low Maintenance cost by 80%
- ▶ Low Investment





AUTOMATIC VOLTAGE REGULATOR

100 KVA to 2000 KVA



⚡ FEATURES

- ▶ Designed for Large Installations
- ▶ Handle heavy load and duty
- ▶ Very less no load loss and high efficiency
- ▶ Almost No maintenance product
- ▶ Suitable for 100% duty cycle
- ▶ Life at full load >15 years
- ▶ Step-less correction

⚙ APPLICATIONS

- ▶ Large mfg. & process Plants
- ▶ Engineering Units
- ▶ Hospitals
- ▶ Pharmaceutical Units
- ▶ Cold Storage
- ▶ Hotels and Clubs
- ▶ Mall & Multiplex

✓ ADVANTAGES

- ▶ Energy Saving up to 5%
- ▶ Reduction in maintenance cost by up to 80%
- ▶ Improved plant Efficiency
- ▶ Improves plant's Power-factor
- ▶ Reduction in MDI
- ▶ Consistency in the quality of end products
- ▶ Low payback period

ISOLATION TRANSFORMER

1Ph-1 KVA to 30 KVA
3Ph-10 KVA to 1200 KVA



⚡ FEATURES

- ▶ Isolates impurities on LV side of grid power.
- ▶ Delta-Star Step-down and Step-up options
- ▶ Clean Power against surges and electrical Noise
- ▶ Eliminates Earthing Problems
- ▶ Error free data in Process Control Instruments
- ▶ Safety from electric shock
- ▶ Tap options can be customized on I/p or O/p side

⚙ APPLICATIONS

- ▶ Critical Machines with delicate control circuits
- ▶ Communication Equipments
- ▶ CNC and other tooling machines
- ▶ Plastic Molding machines
- ▶ Medical Equipments
- ▶ Audio & Video recording systems
- ▶ Process control instruments

✓ ADVANTAGES

- ▶ Protection against Spikes and electrical noise
- ▶ Accurate feedback signals
- ▶ Earthing benefits
- ▶ Provides Clean power

STATIC VOLTAGE REGULATOR

1 phase 5 KVA to 30 KVA
3 Phase 15 KVA to 250 KVA



⚡ FEATURES

- ▶ Digital Controlled IGBT design
- ▶ Fastest Rate of voltage stabilization 5000 V/S
- ▶ No moving parts at all
- ▶ No Noise
- ▶ Sleek design with small foot print
- ▶ Step-less voltage correction
- ▶ Product calibration and programing through LCD (HMI)
- ▶ Performance as good as UPS without backup

⚙ APPLICATIONS

- ▶ CNC/VMC, Tooling Machines
- ▶ Medical & Diagnostic Equipments
- ▶ Food processing
- ▶ Data-centers
- ▶ Research Centers/Labs
- ▶ Printing Machines
- ▶ Mission critical equipment
- ▶ Sites with continuous voltage fluctuations

✓ ADVANTAGES

- ▶ Replaces UPS if power backup is not the requirement
- ▶ Stable voltage always, safeguards the machines for sure
- ▶ Occupies less space
- ▶ Energy saving
- ▶ No Noise
- ▶ Very less maintenance

INVERTERS

1 phase 1 KVA to 10 KVA
3 Phase 15 KVA to 50 KVA



⚡ FEATURES

- ▶ Sine wave supply
- ▶ Designed for Industrial purpose
- ▶ Digital IGBT design
- ▶ Sleek in size
- ▶ Rugged product design
- ▶ Fast Change over at higher load
- ▶ Automatic operation

⚙ APPLICATIONS

- ▶ Industrial Lighting
- ▶ Lesser critical machines
- ▶ Hospital Lighting
- ▶ Elevator backup
- ▶ Hotels and Resorts

✓ ADVANTAGES

- ▶ Emergency backup
- ▶ Lesser investment v/s Genset
- ▶ Noiseless operation
- ▶ Less space
- ▶ No pollution



STATIC FREQUENCY CONVERTER

1 phase 1 KVA to 30 KVA
3 Phase 15 KVA to 500 KVA



⚡ FEATURES

- ▶ 50Hz, 60 Hz, 400 Hz
- ▶ Rugged Industrial Design
- ▶ Digital Microcontroller based Circuits
- ▶ Galvanic Isolation
- ▶ For unbalanced loading
- ▶ Meets defense standards

⚙ APPLICATIONS

- ▶ Aviation equipments
- ▶ Navy equipments
- ▶ For imported /Exported machine
- ▶ Special devices
- ▶ Customized application

✓ ADVANTAGES

- ▶ Low maintenance
- ▶ Precise power
- ▶ Safeguards load
- ▶ High Uptime
- ▶ Easy to Service

BATTERY CHARGER

30VDC, 48VDC, 110VDC, 220VDC



⚡ FEATURES

- ▶ IGBT or Thyristor based
- ▶ Micro-controller design
- ▶ RS-485 interface
- ▶ FC, FC-BC, FCBC combinations
- ▶ Redundancy options

⚙ APPLICATIONS

- ▶ Industrial Critical application
- ▶ Substations
- ▶ Power Generation Plants
- ▶ Battery float charging
- ▶ Communication Systems

✓ ADVANTAGES

- ▶ Very low maintenance
- ▶ Enhanced battery life
- ▶ Uptime through redundancy

CVT

200 VA to 5 KVA



⚡ FEATURES

- ▶ Isolated Supply
- ▶ High Voltage Resonant Winding & Capacitor
- ▶ NO Active component
- ▶ Absorbs variations in Input voltage
- ▶ Fast correction
- ▶ No moving parts

⚙ APPLICATIONS

- ▶ Small Micro Processor CKT
- ▶ Stable voltage application
- ▶ Process control systems
- ▶ Instrumentation panels

✓ ADVANTAGES

- ▶ Isolation protection
- ▶ Current limiter
- ▶ Noise & Surge free Power
- ▶ Durable

UNITIZED / PACKAGED SUB STATION

100 KVA to 5000 KVA



⚡ FEATURES

- ▶ Integration of HV+Tx+LV in one
- ▶ HT Switching: RMU, VCB, SFU
- ▶ Dist Tx: Dry type CRT, Dry VPI, Oil filled
- ▶ LV Panel: ACB/MCCB, PCC, PCC with APFC
- ▶ HT cables
- ▶ LT Cables/Bus Bars

⚙ APPLICATIONS

- ▶ Factory Sites
- ▶ Hospitals
- ▶ Construction sites
- ▶ Hotels & Restaurants
- ▶ Amusement Parks
- ▶ Malls, commercial bldgs.

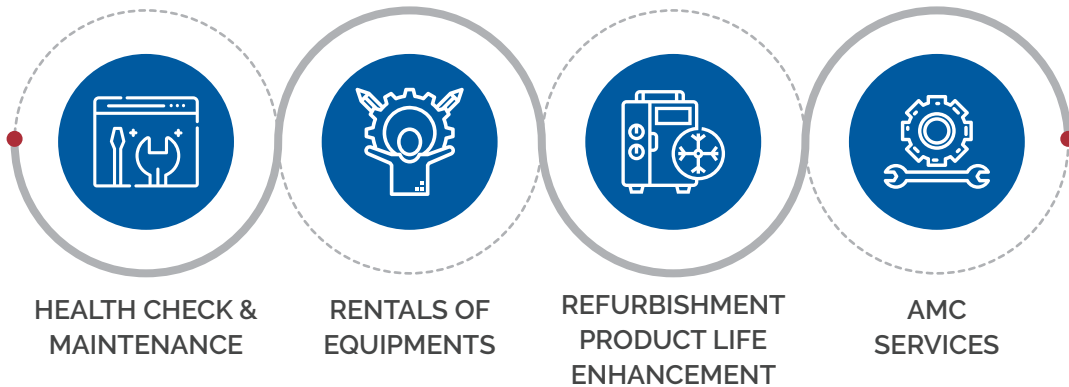
✓ ADVANTAGES

- ▶ Sleek size
- ▶ Quick to install
- ▶ Easy to operate and maintain
- ▶ Saves money
- ▶ Easy to Up grade



TechViz-Serve

**PURPOSE OF TechViz-Serve
IS TO PROTECT
YOUR INVESTMENTS**



We provide comprehensive Technical support to any make of UPS, stabilisers, Inverters, Battery chargers & Frequency Converters.

TechViz-Serve makes service support organized for you with our dedicated Technical team, Right Tools, Support Infrastructure to ensure you get PREDICTABLE & RESULT ORIENTED service for your Power Equipments.



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www.technovisionenergy.com



sales@technovisionenergy.com



"KONARK" Sr. No. 50/3A/4, Narhe Industrial
Area, Narhe Road, Pune - 411 041