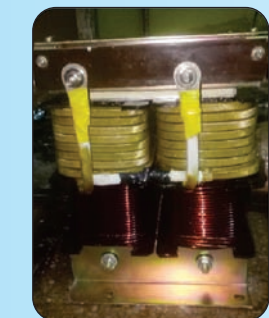
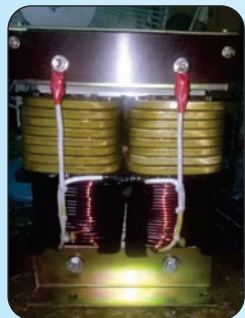




PRODUCT DETAILS:

Quality	High
Maintenance	Low
Performance	Best/Better

Transformer (1 Phase / 3 Phase)



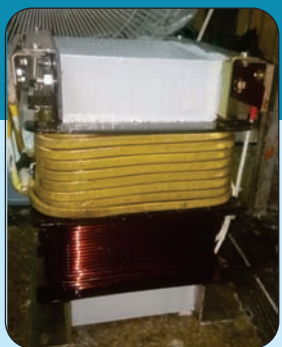
With the system designed for supplying of electric power to single-Phase system, these advanced technology based single PhaseTransformer for Industrial & office assist in use ensuring efficient transfer of energy from one circuit to another through support of electromagnetic induction. Finding use in both residential and commercial applications involving lighting and heating process these can be made available in diferent specifications including cooling method, core type, winding turns, mounting support, output voltage and other factors. Further, these are suitable for use in areas with variable voltage supply with loads like few big electric motors inductive and others.

APPLICATIONS:

For control panels

Automation Systems with PLC and Micro Controllers
for General Purposes & Special Purpose Machines

Choke



PRODUCT DETAILS:

Power Consumption	Low
Maintenance	Low
Quality	High

3 Phase Iron Core Chokes are requires for drives to restrict dv / dt to allowable limits for electronic circuit. Volt Control System Manufactures these type of chokes up to 4000 Amps. Chokes are diminished for voltage drop specified by the drive Manufacturer. In some cases chokes are also required on output side. The same are Manufactured as per specifications of the client. In some cases Air Cored Chokes are necessary. Volt Control System Manufactures Air Core Chokes 1Ph & 3 Ph up to 4000 Amps rating.



Sr No. 102, Janta Vasahat, Behind Ram Mandir, Near Gali No. 79, Parvati Paytha, Pune- 411009 Phone : +91 9270708042
Email : uniquepowersolution2017@gmail.com / salesuniquepowersolution@gmail.com www.uniquepowersolution.net
Mob.- 9372228042 9881404838

TOTAL POWER SOLUTION

Servo Controlled Voltage Stabilizer

Voltage fluctuations increase the risk of break down or malfunction in your costly equipments and machineries. No one likes to risk the life of costlier and sensitive electronic & electrical equipment. Digital oil cooled servo Controlled Voltage stabilizer Equipped with latest Digital Micro Processor based Controller give a constant output voltage with stability of $\pm 1\%$ and has a very high life expectancy thus ensures a good life span for your costly electrical / electronic equipments

Servo Controlled Voltage Stabilizer

We also manufacture air Cooled Servo controlled voltage Stabilizers in both Single & Three Phase upto 100 Kva. Air Cooled Servo Stabilizers are used with individual Electrical/Electronic equipment / items which may get damaged in case of voltage fluctuation. We use high Quality Raw Material & Advanced Micro Processor, Efficiency and Protection of your Equipments.

FIELD OF APPLICATION

Industrial & Manufacturing Units
Hospitals
Call Centers
Printing Industry
CNC Machines Motors
Cements Plants
Rolling Mills
Cold Storages
Medical Equipment
Air conditioning Plants
Testing instruments
Welding equipments
College & University
Auditorium, hotels, conference hall,
laboratories etc.
Anywhere Voltage Fluctuation Persists



Rating	upto 2000 KVA
Input Voltage Ranges	Single phase 160-260V, 140-280V and 100-270V Three phase 300-460V, 250V-460V
output voltage ranges	Single phase 220V $\pm 1\%$, Three Phase 415V $\pm 1\%$
output waveform	True to Input
input frequency	47-53 Hz
Response Time	Instant
Correction Speed	32-60V/Sec
Correction Methods	Step less Correction Using Variacs
Cooling	Oil Cooled I Air Cooled
Efficiency	Better Than 98%
Control Circuit	Fully Automative Micro Processor based Control Card
Duty Cycle	100%
Operation	Auto I Manual
No Load Loss	Less than 0.5%
Compatibility to DG Set	Specially Designed for Operation on Mains & DG Set
Suitability	Suitable for 3 phase Unbalanced I Balanced Supply, Unbalanced I Balanced Loads
Operating Temperture	15°C to 45° Above Ambient



◆ PROFILE OF ORGANISATION ◆

WELCOME TO UNIQUE POWER SOLUTION COMPANY,

ESTABLISHED IN 2013, MANUFACTURING OF CVT(CONSTANT VOLTAGE TRANSFORMER), STABILISER, ISOLATION TRANSFORMER, SMPS, WATER CONDITIONER ONLINE/OFFLINE UPS & INVERTERS. UNIQUE POWER SOLUTION MANUFACTURING WITH LATEST TECHNOLOGY WITH BEST QUALITY & LOW COST AS WELL AS LONG LASTING PRODUCTS

COMPANY IS STAR SUPPLIER REGISTER OF INDIA MART, DEALING IN DEALER NETWORK AS WELL AS DIRECT CUSTOMERS THROUGH OUT IN MAHARASHTRA , GOA, KARNATAKA.

DIRECTOR MR. CHANDRAKANT PATIL HAVING 16 YEARS EXPERIENCE IN DEVELOPMENT ,MANUFACTURING & SERVICING OF POWER ELECTRONICS.

COMPANY HAVING YOUNG & SENIOR EXPERIENCE PERSONS TEAM HAVING EXPERT IN POWER ELECTRONICS WHO WILL CARE TOTAL SATISFACTION OF CUSTOMERS

LATEST & HI-TECH TECHNOLOGY PRODUCT WILL HELP YOU TO TAKE CARE OF ALL PROTECTION OF YOUR VALUABLE GADGETS.

WE ALSO MANUFACTURE AS PER CUSTOMER REQUIREMENTS.



Online Double Conversion UPS System

Features :

- ◆ Inbuilt Isolation
- ◆ Wide Input Window
- ◆ Micro Controller
- ◆ Cold Start Facility
- ◆ High crest Factor
- ◆ Easy Installation, Simply Operation
- ◆ Float, Cum Boost Charger

Optional Features :

- ◆ Static by pass switch (optional)
- ◆ Serial Rs-232 interface (optional)
- ◆ Digital meter
- ◆ Remote Indicator Panel (optional)

Indications :

- ◆ Main On
- ◆ Inverter On
- ◆ AC Over Volt Trip
- ◆ Battery Low Trip
- ◆ Overload Trip
- ◆ Battery Percentage
- ◆ Load Percentage



Range - 1KVA to 100 KVA Single & Three Phase Technical Specifications

AC Input Voltage	230 Volt - 20% + 15% Single Phase 45Hz - 55Hz 415 Volt - 20% + 15% Three Phase 45Hz - 55Hz
Output Voltage	230 Volt Single Phase 415 Volt Three Phase
Frequency	50 Hz + /-0.1%
Voltage Regulation	+/- 1%
Output Waveform	Pure Sinewave
Harmonic Distortion	Less than 85 %
Efficiency at Full Load (Inv.)	More than 85%
Power Factor	0.8 Lagging to Unity
Crest Factor	>3:1
Transient Recovery	Within 2-3 Cycles
Operating Temp.	0 to 45 Deg. C
Audible Noise	<50db @ 1 mtr.
Battery	Lead Acid/SMF
Overload	110% for 10 Min. 125% for 20 Sec. 150% for 10 sec. or as Per cust. requirement
R. Humidity	up to 95%

* Specifications are subjects to change without prior information due to continuous development in our product.



UNIQUE POWER LIFT UPS

Technical Specifications

MODEL	LIFT UPS THREE PHASE BALANCED OUTPUT
RATING	6 KVA TO 100 KVA (72 VDC TO 360 VDC)
ACINPUT	415 ± 15% THREE PHASE INPUT
FREQUENCY	50 Hz ± 6%
INVERTER	
TECHNOLOGY	MICROCONTROLLER, IGBT BASED PWM
OUTPUT VOLTAGE	415 VAC THREE PHASE
FREQUENCY	50 Hz ± 1 %
VOLTAGE REGULATION	± 2%
WAVEFORM	PURE SINE WAVE
HARMONIC DISTORTION	< 3%
INVERTER EFFICIENCY	> 85%
POWER FACTOR	> . 89
OVERLOAD	300 % FOR 3 SEC
TRANSIENT RESPONSE	± 4% AT FULL LOAD
PHASE DISPLACEMENT	120°
AUDIBLE NOISE	< 45 db AT 1 METER
INDICATIONS	MAINS ON, UPS ON/ BATTERY LOW, OVERLOAD /BATTERY CHARGING
ALARMS	BATTERY LOW, OVERLOAD
PROTECTIONS	BATTERY LOW, OVERLOAD, PHASE REVERSE (OPTIONAL)
MCB	MAINS & BATTERY
CHARGER	PFC BASED SAVES ELECTRICITY



Constant Voltage Transformer (CVT)



Constant Voltage Transformer (CVT) work on Ferro resonance principle CVT Provides protection against transient spikes and fluctuations and also there is no-shock problem in case of leakage in the equipment being run on Constant Voltage Transformer (CVT). However, CVT can not be used with equipment which take heavy starting current, viz, Refrigerators, Air - Conditioners, induction motors etc.

Features of Constant Voltage transformer:

- ◆ **Output highly isolated from input.**
- ◆ **Instantaneous correction**
- ◆ **No-Moving parts, relays or electronics circuitary**

Specification

Input	: 180- 280 v
Output	: 230 + 1%
Frequency	: 50 Hz
Rate of Correction	: 250 Volts / Second
Efficiency	: 80% (with Full Load)
Coupling Capacitance	: Less than 0.005PF
Dielectric Strength	: 2000 VAC for 2 Min.
Audible Noise	: < 50dp
Capacity	: 150 VA to 5 KVA
Optional	: High / Low Voltage cut off Time delay

ADVANTAGES OF CVT

- ◆ Maintenance - Free (No moving parts)
- ◆ Very Fast Correction speed
- ◆ Zero Voltage potential between output neutral & Ground
- ◆ Total Galvanic isolation
- ◆ Protected against Overload I Short Circuit
- ◆ Rectifies Distorted Input Wave forms to Sine wave Forms

APPLICATION

- ◆ Personal Computers
- ◆ EPABX, Fax Machines
- ◆ Biomedical Equipments
- ◆ Sensitive Micro-Orocessor based electronic equipments.

