

TriZen ups



1. Manufacturer

2. Sales

3. Service

4. AMC/CAMC

Triveni Power System

We are glad to introduce our Company Triveni Enterprises that has been in Business of Manufacture, Sales & Service of UPS / Inverter / Lift Inverter / Batteries. We have been an established and popular Company an excellent track record for the best Customer Satisfaction. We have never compromised on the quality and the service provided to the Customer. We believe in keeping the Customers happy and providing them with Products at a very competent price. We have an excellent Staffs who will guide you with best ideas by keeping in constant touch with your company and informing about the Services Preventive Maintenance. Please feel free to keep in touch with us about any of your Business related requirements queries. We provide Sales and Service of 3 KVA to 200 KVA UPS System and SMF Batteries 7AH to 200 AH & Tubular Stationary Batteries. We also provide UPS Generators on the rental basis. We also specialize in AMC of UPS Inverter, Lift Inverter Batteries. Our Services have lots of advantages to our Clients with which we can explain to you if you find time to visit us. We would really appreciate if you will try our Services. Please visit us at your most convenient time.



Excellence in the service

TRIVENI ENTERPRISES®

Flat No. 904, 'B' Wing, Flora Mount CHS. Ltd., Nr. Yogidham Complex, Gauripada, Kalyan (W) 421 301. Dist. Thane [MS]

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WORLD CLASS UPS PRODUCTS

TriZen



Triveni Power System is a professionally managed organization contributing to the field of Electronic Power Back up systems through its Design and Manufacturing capabilities of On line UPS, Off Line UPS, Stabilizers, Chargers etc. The company also deals in all types of battery systems. The strength lies in its capability to design and manufacture the products in house for all types of requirements. Products are manufactured in ISO 9001 Certified facilities

HIGHLIGHTS

- Installation Pan India.
- Field proven range of products which are designed and manufactured in-house
- ISO 9001 Certification
- Design and Manufacturing capabilities for electronics as well as wound components (transformers, Chokes etc.) & Fabrication
- Continuous Research and Development of Technology

QS QUICK
SERVICE
REPORT

APPLICATIONS

- DATA CENTRES • IT & ITES • SOLAR / WIND POWER GEN. • EDUCATION
- BUILDING MANAGEMENT • TELECOM EQUIPMENT • SATELLITE EARTH STATION
- BANKING • DEFENSE • R & D CENTERS • BIO-MEDICAL EQUIPMENT • MACHINE TOOLS
- INDUSTRIAL INSTRUMENTATION • PHOTO COPY MACHINES • OTHER SPECIFIC APPLICATION

USP OF OUR PRODUCTS

- RUGGED DESIGN FOR TOUGH INDIAN ENVIRONMENTAL CONDITIONS.
- STATE OF THE ART TECHNOLOGY
- VARIOUS MODELS TO CHOOSE DEPENDING UPON THE SUITABILITY OF THE ACTUAL REQUIREMENT.
- LOW NOISE
- HIGH MTBF
- IN HOUSE MANUFACTURING OF WOUND COMPONENTS SO CUSTOMIZATION AND
- UPGRADATION IS EASILY POSSIBLE
- AFTER SALES SERVICE AVAILABLE FROM MAJOR CITIES ACROSS THE COUNTRY
- GUARANTEED SPARES SUPPORT AND REASONABLE COST OF OWNERSHIP

TriZen TRUE ON-LINE UPS

Range : 1KVA - 10 KVA (1Ph - 1Ph) • 10 KVA - 30 KVA (3 Ph - 1 Ph) • 15 KVA - 500 KVA (3 Ph - 3 Ph)

PRODUCTS

TriZen Sine Wave SOLAR INVERTER / UPS

Range 6 KVA onwards

- True Sine Wave Output
- High Frequency PWM Design
- INVERTER / UPS Mode availability as per user requirement
- Extremely Compact Size
- Easy to install and operate
- Extended Battery backups possible
- In built Manual Bypass switch arrangements
- Optional Battery Reverse Protection
- Output Short Circuit Protection.

TriZen Off Line 1 Ph. & 3 Ph. UPS Systems

Range 6 KVA - 150 KVA

- Extremely efficient & fully automatic
- Back up for single / multiple elevators from single unit possible
- Compatible for all types of elevators
- Extremely Compact Size
- User friendly Display with simple operation
- Easy to install and operate
- Extended Battery Back ups possible
- Optional Remote Display and Announcement

- Wide range of input. Supply Voltage to suit Indian Conditions
- Custom built design is possible as per User specification
- Latest Technology
- Compact Size
- True ON-LINE Design
- High Performance : High Efficiency with near unity Power Factor
- Excellent Voltage Regulation and Transient Response
- Comprehensive and User friendly LCD Display with ??????
- Support all types of Battery Systems
- Extended Run Time Facility
- Diesel Gen Set Compatible
- Optional Intelligent Computer Interface
- Optional Auto By-pass Facility

We have Designed and Supplied following Custom Built Equipment other than our standard products

FOR DEFENSE APPLICATIONS :

- 400Hz Static Frequency Converter for Radar Test Facility
- DC Power Supply 220 V - 80 A for Submarine Application

FOR INDUSTRIAL APPLICATION

- Plate Formation Rectifier
- Variable Power Supply 5V - 600V for Capacitor Mfg. Plant
- Battery Chargers & Dischargers
- Charge Controllers for Solar and Wind Power Applications
- Designed and Supplied 75KVA Inverter for Wind Power Generator

	Standard Rating		
	1KVA - 10 KVA	7.5 KVA - 30 KVA	15 KVA - 150 KVA
INPUT			
Voltage	230 V AC - 1 Ph	415 V AC - 3 Ph 4 Wire	415 V AC - 3 Ph 4 Wire
Operating Range	170 V - 265 V	345 V - 475 V	345 V - 475 V
Frequency	50 Hz		
Frequency Range	47 - 53 Hz		
Power Factor	> 0.8		> 0.92
OUTPUT			
Rating	1/2/3/5/7.5/10 KVA	7.5/10/15/20/25/30 KVA	15/20/25/30/40/45/50/60
			75/80/90/100/120/150 KVA
Voltage	220 / 230 V AC		400 / 415 V AC
Voltage Regulation	± 1%		
Power Factor	0.8 lag to unity		
Crest Factor	3 : 1		
Frequency	50 / 60 Hz		
Freq. Regulation	± 0.1%		
Wave Form	True Sine Wave		
Harmonic Distortion	THD < 3%		
Overload Rating	150% for 30 Seconds		
Transient Respon.	± 5% for full load change		
Response Time	Recovery to ± 2% within 5 msec		
DC Link			
Nominal DC Volt.	2, 3 Kva : 48 - 144v	10,15 Kva : 240/360 v	15 Kva : 240/360 v
	5 Kva : 120/144/180v	20 Kva : 300/360 v	20 Kva : 300/360 v
	7.5,10Kva : 180 / 240v	25,30Kva : 360 v	25 Kva & Above : 360 v
DC Bus Volts Ripple	< 2%		
Battery Type	VRLA Sealed Maintenance Free (SMF) / Lead Acid Tubular (Flooded Type) NiH - CD		
Isolation	DC Circuit Breaker		
EFFICIENCY (Typical)			
Inverter Efficiency	> 92%		
Overall Efficiency	> 85%		
PROTECTIONS			
Rectifier	I/P AC Over Voltage and Under Voltage		
	DC Over Voltage and DC Low		
	Battery Charging Over Current		
	I/P Single Phasing		
	I/P Phase Reversal		
Inverter	O/P Over Voltage / Under Voltage		
	O/P Overload		
	O/P Short Circuit		
	Over Temperature		



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	Standard Rating		
	1 KVA - 10 KVA	7.5 KVA - 30 KVA	15 KVA - 150 KVA
AUDIO ALARM			
	Rectifier Trip		
	Overload		
	Mains Fail		
	Battery Low with Pre-alarm		
	System Trip		
METERING	Multifunction LCD Display to read the following parameters with user friendly Mimic Diagram		
	I/P Voltage & Current		1PH Parameters upto 30
	I/P Frequency		
	Battery Voltage		
	Battery Charging / Discharging Current		
	OP Voltage		
	OP Current		
	OP Frequency		
PHYSICAL			
Dimensions			
Enclosure	IP 21		
Cable Entry	Bottom / As per requirement		
Colour	Siemen Gray		
ENVIRONMENT			
Operating Temp.	0 to 45°		
Storage	-10 to 70°		
Humidity	upto 96% RH (non-condensing)		
Cooling			
Noise	< 55 db	< 60 db	< 65 db
Altitude	< 3000 mtr. above mean sea level		
OPTIONAL FEATURES			
Enclosure	IP 42 / Industrial Grade		
Input Power Factor	0.99		
Operating Temperature	50° c		
ECO Mode with 98% Efficiency			
Auto Changeover o Bypass Supply (Static Bypass)			
Parallel Load Sharing / N + 1 Configuration is available			
Remote Indicating Panel			
Computer Interface, Self Diagnostics, SNMP			
Output Frequency			
Auto / Manual Battery Test / Discharge Facility	Upto 40 Hz		
Individual Battery Monitoring System			
19" Rack Mounting Type Models available			
IEC Conformance on request			
CUSTOM BUILT / MIL-GRADE SYSTEMS			