



UPS SYSTEMS / SERVO STABILIZERS TO SUIT YOUR EVERY NEED



+91-9823617863 / +91-9822017893



uttekar.v@gmail.com



www.technocomenergy.com



Applications

- Data Centers
- IT & ITES
- Solar/Wind Power Gen.
- Building Management
- Education
- Telecom Equipment
- Satellite Earth Stations
- Banking
- Defence
- R & D Centers
- Bio Medical Equipment
- Industrial Instrumentation
- Machine Tools
- Photo Copying Machines
- Home Ups
- Other Specific Applications

We Technocom Energy Systems are counted amongst the leading Manufacturer, Trader, Distributor and Service Provider of Online UPS & Frequency Converters, Lift Inverters, Servo Controlled Voltage Stabilizers, AVR, CVT, Isolation Transformer, Multinational UPS, Battery Chargers and much more. We have carved a niche for ourselves in the market by delivering quality products & prompt services since decades.

Highlights

- Installation PAN India
- Field proven range of products which are designed and manufactured in-house
- Continuous Research and Development of Technology
- Robust design & online double conversion topology assures maximum reliability in our ONLINE UPS & Frequency Converters.
- Wide Input Voltage range appropriate for harsh Electrical environment.

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
- After sales service available from major cities across the country
- Guaranteed spares support and reasonable cost of ownership

Our Products

- Online UPS & Frequency Converters
- Lift Inverters
- Servo Controlled Voltage Stabilizers
- AVR
- CVT
- Isolation Transformer
- Battery Chargers
- Inverter / Home UPS



Standard Specification ONLINE UPS/Frequency Converters			
	1kVA - 10kVA	5kVA - 30kVA	3kVA - 500kVA
INPUT			
Voltage	230VAC 1 Ph.	415VAC 3Ph.4Wire	415VAC 3Ph.4Wire
Operating Range	170 - 265VAC	345 - 475VAC	345 - 475VAC
Frequency	47Hz - 53Hz		
Power Factor	> 0.8	> 0.92	> 0.92
OUTPUT			
Voltage	220/230VAC	415VAC 3Ph.4Wire	
Power Factor	0.8 lag		
Crest Factor	3:1		
Frequency	50Hz. +/- .1%		
Harmonic Distortion	THD < 3%		
Transient Response	5% for full load change & recovery to +/- 2% within 5 msecs.		
Battery Types	VRLA (SMF),Lead Acid, Tubular.		
PROTECTIONS			
	Input AC Over Voltage & Under Voltage		
	DC Over Voltage & DC Low		
	Battery Charging Over Current		
	Input Single Phasing		
	Input Phase Reversal		
	Output Over Voltage & Under Voltage, Over Temperature,		
	Output Overload, Output short Circuit		
ALARMS	Overload, Mains Fail, Battery Low & Trip		
METERING			
	Multifunction LCD/LED Display to show following Parameters		
	Input & Output Voltages, Output Frequency, Output Current,		
	Battery Voltage, Battery Charging & Discharging Current		
ENVIRONMENT			
Operating Temp.	0-45 deg.		
Humidity	up to 95% RH (Non-condensing)		
Cooling	Forced Air Cooling		
Noise	< 55db	<60db	<65db
	<3000 meters above mean sea level		
OPTIONAL FEATURES			
Enclosure	IP 42 / Industrial Grade		
Input Power Factor	0.99		
	Static Bypass-Auto Changeover to Bypass mode		

Standard Specification Servo Stabilizer			
Ratings (kVA)	1kVA - 40kVA	6kVA - 125kVA	50kVA - 500kVA
Cooling	Air	Air	Oil
Input Voltage Range	195-270, 170-270,	340-470, 300-470	340-470, 300-470
	150-270V	360-470, 260-470V	360-470, 260-470V
Input Frequency	47Hz - 53Hz		
Output Voltage	220/230V	400/415V	400/415V
Efficiency	> 97%		
Effect of Load Power Factor	NIL		
Waveform Distortion	NIL		
Type of Control	Electronic Control Card (Plug in type)		
Servo Motor Drive	TRIAC based drive for AC Synchronous Motor		
Protections			
	Output Under/Over Voltage Cut off.		
	MCB/MCCB for Overload/Short Circuit Protection		
	Single Phasing Prevention		
Metering	Analog VM 0-300V	Analog VM 0-500V	Analog VM 0-500V
Indications	Mains ON, Output Low, Output High, Trip		
Termination			
	Mains Cord,Socket/	Terminal Strip/	Bolted Terminals
	Bolted Terminals	Bolted Terminals	
Optional			
	Electronic Overload cut off, Digital Voltmeter, Manual Bypass, EMI/RFI Filter, Auto/Manual Operation, Isolation Transformer		
ISOLATION TRANSFORMER			
Ratings (kVA)	1kVA-10kVA	6kVA-125kVA Air Cooled	
Input Voltage	230, 110	415, 220	
Input Frequency	47Hz-53Hz		
Output Voltage	230, 110	415, 220, 200	
Efficiency	>97 %		
Load Regulation	Better than 3%		
Short Circuit Protection	Fuse/MCB	MCB/MCCB	
Indications	Power ON	Power ON	
Housing	Sheet Metal Powder Coated		
Type of Cooling	Natural Air		
Termination	Cord,Socket / Bolted Terminals.	Terminal Strip/Bolted Terminals	
AUTOMATIC VOLTAGE REGULATOR			
Ratings (kVA)	1-10kVA 1Phase & 6-30kVA 3Phase		
Input Voltage	170-270V, 130-300V (Optional) Single Phase		
	300-470V,260-500V (Optional) Three Phase		
Output Voltage	220 +/- 10% 1Phase, 380V +/- 10% 3Phase		
Waveform Distortion	NIL		
Efficiency	> 97%		
Protections	Under & Over Voltage Cut Off		
	Short Circuit Protection with Fuse,MCB		
Indications	Mains ON, Input Low, Input High		
	Voltmeter to show Input & Output Voltages		



+91-9823617863
+91-9822017893
uttekar.v@gmail.com

TECHNOCOM ENERGY SYSTEMS

Reg. Off. - E/502,"Savannah", BAIF Road, Wagholi, Pune 412207
Works - 24, Konark Industrial Estates, Opp. Saraswat Bank, Viman Nagar, Pune 411014
www.technocomenergy.com

In the interest of continuous Product improvement, all specifications are subject to change without notice