

UPS SYSTEMS / SERVO STABILIZERS TO SUIT YOUR EVERY NEED











World Class Power Conditioning Products



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

Our Products

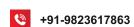
- Online UPS & Frequency Converters
- Lift Inverters
- Servo Controlled Voltage Stabilizers
- AVR
- O CVT
- Isolation Transformer
- Battery Chargers
- Inverter / Home UPS





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			
ОИТРИТ						
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, Ouput 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					





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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						
	S	Single Phasing Prventic		on			
Metering	Analog VM 0-300V	Analog V	M 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 VOLT	TAGE REG	ULATOR				
Ratings (kVA)	1-10kVA 1Phase & 6-30kVA 3Phase						
Input Voltage	170-270V, 1	130-300V (Optional) S	ingle Phase			
	300-470V,2	260-500V (Optional) T	hree 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						
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Voltmeter to show Input & Output Voltages

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