

ABOUT US

FARMAX TECHNOLOGIES PRIVATE LIMITED was established in the year of 2006 by the team of experienced individuals from the field of Power conditioning.

FARMAX TECHNOLOGIES PRIVATE LIMITED is one of the leading manufacturer, exporter and supplier of a remarkable range of power conditioning Equipments like servo stabilizes, Online UPS systems isolation transformers, power conditioner, power savers, & k rated transformers. The capacities include from 1 KVA to 2500 KVA both in three and single phase. All our products are manufactured under the strict surveillance of our professionals following BIS standards.



our International Installation destinations include: Myanmar, Australia, Singapore, Indonesia, Switzerland, Spain, Oman, Saudi Arabia & Yemen. Most of our products are supplied to CNC Machines , Printing Machines, Bio-medical, garments, Telecommunication , Textile Machineries, IT Applications and many more.

SERVICES

FARMAX has qualified and trained engineers to maintain and trouble shoot the third party manufactured products . FARMAX can covert your analog stabilizer to digital stabilizer at a lower cost to provide maximum benefits, to save money, to improve reliability and good power quality. Currently we are offering following services

- Stabilizer Retrofits
- Annual Maintenance Contract(AMC)
- Comprehensive Annual Maintenance Contract(CAMC)
- Battery Replacement
- Stabilizer & Transformer Oil Replacement
- Power Audits
- Rental Ups, Battery And Stabilizers

FARMAX[®]
TECHNOLOGIES PVT LTD

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SERVO STABILIZER TECHNICAL SPECIFICATION

MAKE	FARMAX
CAPACITY	1KVA - 25KVA 1Phase 3KVA -250KVA 3Phase - Air cooled 30KVA - 2500KVA - Oil cooled
NO of PHASES	3 Phase 4 Wire
INPUT VOLTAGE	340- 460 VAC 3 Ph 360-460 VAC 3Ph
OUTPUT VOLTAGE	230/240 VAC 1Ph 400/415 VAC 3 Ph
REGULATION	+ 1 %
SYSTEM	Un Balanced
TYPE OF COOLING	Air Cooled
CONNECTIONS	3PHASE 4 WIRE
OPERATING FREQUENCY	47 - 53 Hz
SPEED OF CORRECTION	70V / Sec Phase to Phase
OVER LOAD	120 % for 10 Mints
OPERATING TEMPERATURE	0 To 45 Degrees C
WAVE FORM DISTORTION	NIL
EFFICIENCY	>98 %
SYSTEM CONSTRUCTION	As per IS : 9815
TYPE OF MOTOR	AC Motor
DUTY CYCLE	Continuous
INDICATIONS	Mains on, Output on, Low cut off, High cut off
DISPLAY	LCD display to read voltage, current & frequency, Status indications & parameters. equipped with soft touch buttons for ease of operations
STANDARD PROTECTION	High Voltage Cut Off Low voltage Cut Off Overload Protection Short Circuit Protection Single phase preventor Phase reversal.
SHORT CIRCUIT PERIOD & % age	300% for 250 msec
MODE OF CONTROL	Auto / Manual

Features

- Micro controlled based circuitry
- Total protections and control
- No potentiometer adjustments
- Trip time delay adjustments with variable setting
- Manual and auto start facility
- Rugged construction
- High efficiency

ISOLATION TRANSFORMER

MAKE	FARMAX
Capacity	1kVA to 25kVA1Ph 3KVA to 200KVA 3Ph Air cooled 30KVA to 2500KVA 3Ph Oil cooled
Type of Transformer	Floor mounted, Natural air-cooled /Forced air cooled/Oil cooled
Configuration	Delta / star 1:1 OR 2:1 (or as per user requirement specification)
Default Vector Group	Dyn11
Impedance phase	3-4%
Primary Voltage	200/220/230V 1Phase 380/400/415 V 3Phase
Secondary voltage	110/230V/ 230V1Phase 220/400V /415V 3 Phase
Neutral conductor rating	200%
Frequency	50/60 Hz
Load Regulation	Better than 3.5%
Class of insulation	Class F
Ambient temperature	0-to 45 deg c
Power factor	0.75 lead to lag
Insulation Strength	Withstands 2.5 kV for 1 minute (in between windings in between windings and body)
Indications	LED Lamps
Enclosure	M.S. Enclosure provided with Input / Output termination

Features

- Protection from noise
- Neutral isolation
- High attenuation level
- Low coupling capacitance
- High induction



ONLINE UPS SPECIFICATION 5KVA-200KVA(3/3)

TYPE	ONLINE
Capacity	10KVA - 200KVA 3 in 3 out.
DC Bus	120/192/240/360/384VDC (Varies based on KVA)
Capacity	5KVA - 50KVA 3 in 1 out.
DC Bus	192/240/360/384VDC (Varies based on KVA)
Capacity	5KVA - 10VA 1 in 1 out.
DC Bus	120/144/180/192/240/360VDC
Input Voltage	230VAC 1Ph+/-10% , 400VAC 3Ph+/-10%
Input frequency	50Hz +/-5Hz
Input PF	>0.88
INVERTER	
Technology	IGBT -PWM /THYRISTOR
Nominal Output Voltage	230VAC 1Ph+/-2% , 400VAC3Ph+/-2%
Frequency	50Hz +/-1Hz
Over Load Capacity	150% for 1 Minute, 125% for 10 Minutes
Waveform	Pure Sine Wave
Inverter Efficiency	96%
crest Factor	1:3
Total Harmonic Distortion	Liner load <2.5% & Non-Liner load <5%
Isolation	Inbuilt Galvanic Isolation Transformer
GENERAL	
By Pass Facility	Manual/Static bypass - optional
Cooling System	Forced Air
Alarm	Battery Low/ Overload/ Over Voltage/ Under Voltage/ Trip
LCD Display	Charger On/ Inverter on/ Battery low/ Overload/ UV/OV
Encloser Type	IP-20
Cooling System	Forced Air
Altitude	0-2000m
Humidity	95% Non Condensing
Acoustic Noise Level	<60dB
Ambient Temperature	0-40 deg C

Features

- High quality components
- Last Longer with minimal maintenance
- Double conversion technology
- LCD Display with all parameters
- IGBT Based Technology for more efficiency
- With all protections