



AN ISO 9001:2015 CERTIFIED COMPANY

IGBT BASED ONLINE UPS SYSTEM
3 KVA TO 80 KVA

MEET YOUR PRECISE
POWER NEEDS WITH
SMART ONLINE UPS



MAXIPRO (MXP)

IGBT On Line UPS System - 3 KVA to 80 KVA - 3 Phase I/P - 3 Phase O/P

According to Study by Bell Labs, under-voltage & sudden-dips represent the majority of power problems in the country today. Wide Input range & Online design of Uniline UPS systems prevent data loss caused by outage & brown outs. The systems are designed with State-of-the-Art IGBT Technology both at Input & Output. The overall efficiency of these systems is very high resulting in savings in electricity cost. Also, the systems are designed taking into consideration the Indian power & its diverse Environmental conditions.

Sailent Features

- Wide Input Window
- Generator Compatible
- Computer Grade Power
- Superior Float Cum Boost Charger
- IGBT Based Hi - Frequency PWM Inverter
- O/P Distortion & $\leq 3\%$
- Inverter Efficiency & $\geq 92\%$
- High Crest Factor & $\geq 4 : 1$
- Crystal Controlled Output Frequency $50 \text{ Hz} \pm 0.01\%$
- Low Noise & $\leq 50 \text{ db}$ upto 10 KVA
- Compact, Sleek Design
- Large Backup
- RS 232 C / SNMP Interface
- SNMP (Optional)
- Tested by Reputed Agencies



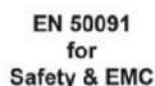
MAXIPRO (MXP)

IGBT On Line UPS System - 3 KVA to 80 KVA - 3 Phase I/P - 3 Phase O/P

TECHNICAL SPECIFICATIONS													
MODELS		3303	3305	3310	3315	3320	3325	3330	3340	3350	3360	3380	
CAPACITY		3 KVA	5 KVA	10 KVA	15 KVA	20 KVA	25 KVA	30 KVA	40 KVA	50 KVA	60 KVA	80 KVA	
AC INPUT													
PARAMETERS	AC Input Voltage	a) 415V, -20% +15%					4 Wire Three Phase or any Voltage Range as per Customer Requirement						
	Frequency	a) 50 Hz +/- 10%					Can also work on Good Quality Generators						
AC OUTPUT PARAMETERS	a) Output Voltage	415V AC Three Phase											
	b) Voltage Regulation	+/- 1%											
	c) Frequency	50 Hz +/- 0.01% (Crystal Controlled)											
	d) Waveform	Sinewave											
	e) Harmonic Distortion	Less than 3%											
	f) Efficiency	>93% for 180V DC											
	g) Power Factor	0.8 lagging (0.9 optional on request)											
	h) Overload	110% for 10 Minutes 200% for 5 Cycles											
	i) Crestor Factor	>4:1											
	j) Output Distortion	<3%											
PROTECTIONS	An Electronics Circuit with Digital Logics Continuously Searches for the Following faults & Trips the system with Audio - Visual Indication.												
	a) Battery Over Voltage						b) Battery Under Voltage						
	c) Output AC Over Voltage						d) Output Overload / Short Circuit						
INDICATIONS	* Mains ON	* Load on Batteries				* Battery Low			* Inverter Overload				
	* Load On Mains	* Battery Boost				* Battery Level Graph			* Load Level Graph				
METERING	Digital Metering Available for Output Voltage / Battery Voltage / Output Current / Output Frequency (Customised Metering Option Available)												
AMBIENT CONDITIONS	a) Operating - 0 Deg. C - 50 Deg. C					b) Storage - 0 Deg. C - 60 Deg. C							
	c) Relative Humidity - 95% RH					d) Operating Altitude - upto 2000 Meters							
	e) Audible Noise					<50db at 1 Meter upto 10 KVA							
						<60db at 1 Meter above 10 KVA							
ISOLATION	Full inbuilt isolation between I/P & O/P by transformer at the output												
OPTIONAL FEATURES	* Static Bypass Switch				* Remote On / Off Panel			* Remote Indicator Panel					
	* SNMP Interface / RS 232				* Hot Standby Mode			* Parallel Redundant Mode					
	ISO 9001 / 14001 / 18001 / RoHS / CE / EMC Safety												
	* The above system are based on normal standards and can be customised as per specifications.												

OUR OTHER PRODUCTS :-

• ON LINE UPS UPTO 1800 KVA • LINE INTERACTIVE UPS UPTO 3 KVA • SOLAR ENERGY SOLUTION. UPTO 1000 KVA • SERVO STABILIZER UPTO 2000KVA



GREENLINE SERIES

Single - Phase Unit 1 KVA to 10 KVA

TECHNICAL SPECIFICATIONS

MODELS	GLX	1000 VA	2000 VA	3000 VA	5000 VA	6000 VA	10000VA
POWER	VA/W	1KVA / 800W	2KVA / 1600W	3KVA / 2400W	5KVA / 4000W	6KVA / 4800W	10KVA / 8000W
INPUT	Input System	Single Phase & Earth Ground					
	Rated Voltage	230 V AC					
	Voltage Range	110V to 300 V(0 – 50% load), 170V to 280V (100% load)					
	Frequency	50 / 60 Hz +/- 5 Hz (Auto Sensing)					
	Power Factor	> 0.99 @ Full Load					
	Voltage Range of Bypass	230 V AC ± 10 % (Adjustable)					
	Output System	Single Phase & Earth Ground					
OUTPUT	Rated Voltage	220 / 230 / 240 V AC (+/-1%)					
	Power Factor	0.8					
	Waveform	Sinewave					
	Distortion	< 3%					
	Efficiency	>90%					
	Frequency Output	50 Hz + 0.1 Hz					
	Inverter Overload Capacity	110% for 5 minutes / 150% for 5 second					
	Output Voltage Distortion	<3% for Linear Load, <6% for Non-Linear Load					
BATTERY	Transfer Time	0 ms (Normal mode to Battery mode), 5ms (Normal mode to Bypass mode),					
	Crest Factor	3 : 1					
	Batteries Voltage	48 V DC / 36 V DC / 72 V DC / 96 V DC / 192 V DC / 240V DC					
	Charge Capacity	10% of battery Ah					
	Backup Time	Dependent on the Capacity of Batteries (Long Backup Time)					
	Battery Charge Time	Charger to 90 % Battery Capacity in 3 Hours (Standard)					
	Interface Port(s)	RS232 + USB (Optional)					
	Optional Cards	SNMP Adaptor					
COMMUNICATE & INTERFACE	LCD Display	Information for Load / Battery / Input / Output / Operating Mode					
	Audible Alarm	Actively Audible Alarm for Utility Failed / Battery Low / Overload Condition					
	Indicator	Load Indication, Load on Battery, Low Battery, Mains On, Overload					
	EPO	Yes					
ENVIRONMENTAL	Noise Level	<45dB @ 1 Meter / <50dB @ 1 Meter					
	Operating Temp.	-10 - 50°C					
	Storage Temp.	-20°C ~ 55°C					
	Relative Humidity	0 ~ 95 % Humidity, Non - Condensing					
	Protection	IP 20					
	Operating Elevation	2,000 Meters					
	Net Weight (kg) w/o Battery	6.5 / 7 / 7.5 / 12 / 13.5 / 13.5					

OUR OTHER PRODUCTS :-

• ON LINE UPS UPTO 1800 KVA • LINE INTERACTIVE UPS UPTO 3 KVA • SOLAR ENERGY SOLUTION, UPTO 1000 KVA • SERVO STABILIZER UPTO 2000 KVA



ISO 9001 - 2008
for Quality



ISO 14001 - 2004
for Environment



CE Certification

EN 50091
for
Safety & EMC

RoHS

