



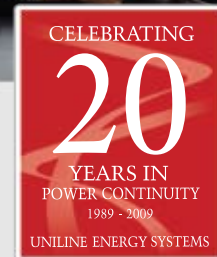
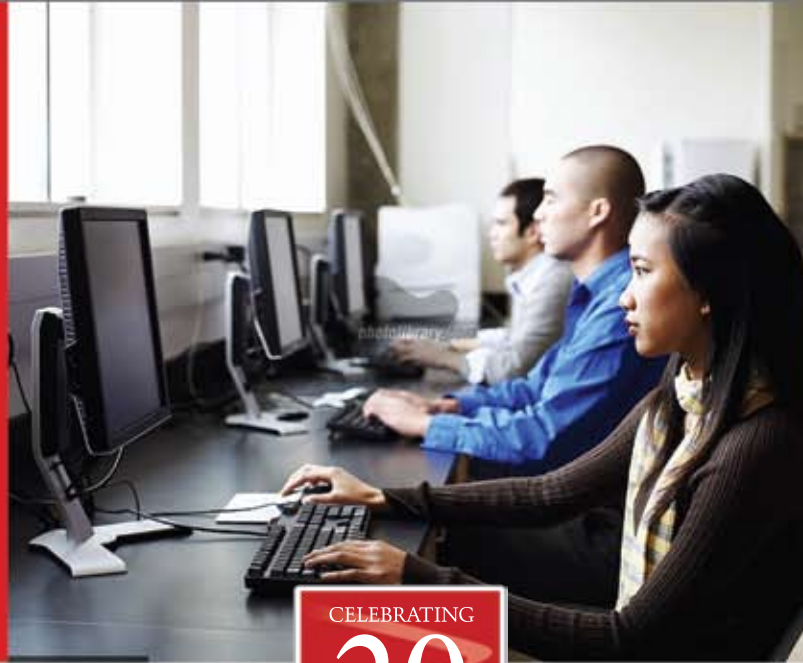
UNILINE
POWER TO CONTROL POWER

AN ISO 9001 & 14001 CERTIFIED COMPANY

GreenLine - GLX Series 1KVA to 3KVA 1Phase (with Isolation)

On-line protection for Computer Servers

The Green Line Series is the mighty turbo in the single phase ONLINE family of uninterruptible power supplies by UNILINE. The Green Line Series provides reliable protection, also high-end applications and is extensively equipped to master all eventualities.



Green Line's GLX Outstanding features:

- Pure sine wave output
- Microprocessor control guarantees high reliability
- Adopting high frequency full bridge topology for high steady performance
- High input power factor correction
- Selectable various output range and operating mode
- Cold start function
- Inbuilt static bypass enhance better protection for critical load
- Built-in dry contact / RS-232 / EPO communication port
- SNMP allows for web-based remote monitoring management (Optional)
- USB communication port (Optional)
- Enable to extend runtime with scalable external battery pack
- Overload, short-circuit, and overheat protection
- Hot-swappable battery design
- Compact size with high over all efficiency
- Isolation Transformer for Superior Performance

Green Line GLX Series:

True on-line double conversion technology with integrated Static bypass mechanism with Isolation

In normal operation, the Green Line Series converts the mains AC voltage into DC voltage which supplies a battery and an inverter with energy.

The inverter generates a sine wave AC voltage which is permanently available at the output.

If and when power problems strike, the battery delivers the required power to the inverter.

The additional Bypass system integrated into the UPS device guarantees an unprecedented level of power supply security.

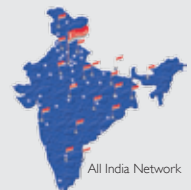
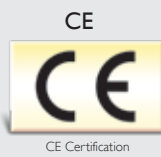
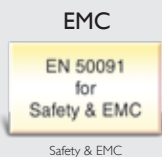
In overload conditions the Bypass system automatically switches mains power directly through to the user.

GREENLINE GLX SERIES TECHNICAL SPECIFICATIONS

Models		GLX 1000VA	GLX 2000VA	GLX 3000VA
Power		1KVA / 700W	2KVA / 1400W	3KVA / 2100W
Input	Input System	Single Phase & Earth Ground		
	Rated Voltage	230V AC		
	Voltage Range	138V to 300V (0 - 60 % Load), 138 ~ 161V to 300V (60 % ~ 80 % Load) 161 ~ 184V to 300 - 286V (80 % ~ 100 % Load)		
	Frequency	50 / 60 Hz +/- 5 Hz (Auto Sensing)		
	Power Factor	> 0.99 @ Full Load		
	Voltage Range of Bypass	230V AC ± 10 % (Adjustable)		
Output	Output System	Single Phase & Earth Ground		
	Rated Voltage	220 / 230 / 240V AC		
	Power Factor	0.7		
	Voltage Regulation	± 1 %		
	Normal Mode Freq.	45 ~ 55 (Adjustable)		
	Battery Mode Freq.	50 ± 0.1 Hz		
	Inverter Overload Capacity	110 % for 5 Minute 150 % 5 Second.		
	Transfer Time	Oms (Normal Mode to Battery Mode), Oms (Normal Mode to Bypass Mode)		
Battery	Crest Factor	3 : 1		
	Batteries Voltage	24V DC / 36V	72V DC	96V DC
	Charge Current	2A for Internal Batteries, 6A Max. (Adjustable)		
	Backup Time	Dependent on the Capacity of Batteries (Long Backup Time)		
	Battery Charge Time	Charger to 90 % Battery Capacity in 3 Hours (Standard)		
Communicate & Interface	Interface Port(s)	RS232 + Dry Contact (DB9) + USB (Optional)		
	Optional Cards	SNMP Adaptor		
	LCD Display	Information for Load / Battery / Input / Output and Operating Mode		
	Audible Alarm	Actively Audible Alarm for Utility Failed / Battery Low / Overload Condition		
	EPO	Yes		
Environmental	Noise Level	<45dB @ 1 Meter	<50dB @ 1 Meter	
	Operating Temp.		0 - 40°C	
	Storage Temp.		-20°C ~ 55°C	
	Relative Humidity	0 ~ 95 % Humidity, Non - Condensing		
	Operating Elevation	3,000 Meters		
Physical	Net Weight (kg) w/o Battery	18	22	25

*The above system are based on normal standards and can be customised as per specifications

- Our Other Products :**
- Uniplus (600VA) • Smart Line Interactive UPS (Upto 3 KVA)
 - Modular Series (15KVA to 20 KVA) • Maxi Power IGBT On Line UPS System (Upto 25 KVA)
 - D Series UPS (60KVA to 300 KVA) • GigaPower (Tripower) IGBT Online UPS upto 500 KVA



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