

GREENLINE SERIES

Single Phase Unit | KVA to 10 KVA

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 Energy. The Green Line Series provides reliable & dependable protection to high-end applications and is extensively equipped to master all eventualities & contingencies.

Green Line Series :

- True on-line double conversion IGBT based (Rectifier & Inverter) technology with Integrated Static Bypass mechanism.
- 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.
- The module design improves reliability of the UPS, also simplifies service maintenance

Green Line's outstanding features :

- Pure sine wave output
- LCD display design
- Microprocessor DSP 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 or monitoring management (Optional)
- RS/USB communication port (Optional)
- Enable to extend runtime with scalable external battery pack
- Overload, short-circuit, and overheat protection
- Generator Compatibility
- Compact size with high overall efficiency
- Isolation Transformer (Inbuilt)
- Fan Speed Control wrt Load



Server



Network



Security



Medical



Education

GREENLINE SERIES

Single - Phase Unit | 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



EN 50091
for
Safety & EMC



ALL INDIA SALES & SERVICE NETWORK • 17 REGIONAL OFFICES • 140 SERVICE LOCATIONS

UNILINE ENERGY SYSTEMS (P) LTD.

Corporate Office : Uniline House, Ramesh Market, East of Kailash, New Delhi - 110 065
Tel.: 011- 4666 1111 / 2646 9031 / 2646 9108 E mail : uniline@uniline.in

TollFreeNo. 1800 1022011 | www.unilineindia.com

DEALERS STAMP