

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.

The Green Line Series provides reliable protection, also high-end applications and is extensively equipped to master all eventualities.

Green Line Series :

- True on-line double conversion 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.
- Using module design to improve reliability of the UPS, also simplify service maintenance.

Green Line's outstanding features :

- Pure sine wave output
- ECO mode to save energy
- LCD display design
- 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 or monitoring management (Optional)
- 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
- Hot-swappable battery design
- Isolation Transformer (Optional)



Server



Network



Security



Medical



Education

GREENLINE SERIES

Single - Phase Unit 1 KVA to 10 KVA

TECHNICAL SPECIFICATIONS

	MODELS	GL 1000 VA	GL 2000 VA	GL 3000 VA	GL 5000 VA	GL 6000 VA	GL 10000VA
POWER		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	120V to 300 V(0 – 50% load), 170V to 280V (100% load)					
	Frequency	40 – 70 Hz					
	Power Factor	> 0.99 @ Full Load					
	Voltage Range of Bypass	230 V AC \pm 10 % (Adjustable)					
OUTPUT	Output System	Single Phase & Earth Ground					
	Rated Voltage	220 / 230 / 240 V AC (+/-1%)					
	Power Factor	0.9					
	Waveform %	Sinewave					
	Distortion	< 3%					
	Overall Efficiency	> 90%					
	Normal Mode Frequency	45 – 55 Hz (adjustable)					
	Battery Mode Frequency	50 Hz + 0.1 Hz					
BATTERY	Inverter Overload Capacity	110% for 5 minutes / 150% for 5 second					
	Output Voltage Distortion	<3% for Linear Load, <6% for Non-Linear Load					
	Transfer Time	0 ms (Normal mode to Battery mode), 5ms (Normal mode to Bypass mode),					
	Crest Factor	3 : 1					
	Batteries Voltage	24V DC / 36V DC / 72V DC / 96V DC / 192V DC / 240V 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 / Operating Mode					
	Audible Alarm	Actively Audible Alarm for Utility Failed / Battery Low / Overload Condition					
ENVIRONMENTAL	Indicator	Load Indication, Load on Battery, Low Battery, Mains On, Overload					
	EPO	Yes					
	Noise Level	<45dB @ 1 Meter / <50dB @ 1 Meter					
	Operating Temp.	0 - 50°C					
	Storage Temp.	-20°C ~ 55°C					
	Relative Humidity	0 ~ 95 % Humidity, Non - Condensing					
	Operating Elevation	3,000 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

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