

MAXLION

Lithium-ion Inbuilt Inverter



700VA, 1000VA
& 2400VA

USER MANUAL

Customer Care No. - 9667 123 456

E-mail: customer.care@genusinnovation.com

CON0000007180

WARRANTY CARD

MODEL NO.	SERIAL NO.
DATE OF PURCHASE	DEALER NAME
CUSTOMER NAME	
CONTACT	
ADDRESS	

- Genus Innovation Ltd. Warrants to the original purchaser provided the product is still possession of and used by the original purchaser from the date of purchase.
- The warranty stands on all parts (except LED, Switches, External body of system) for a period of 3 years & for battery 5 years.
- The warranty will not apply to defects arising in company's opinion by reasons of accident, abuse, misuse, neglect, improper installation (if not undertaken by the company or its representative), fire, flood or other act of GOD any other natural calamities. Any other unauthorized repairs done or carried out will have to be borne by the purchaser. The problem of fuse & MOV will not be included in the warranty of the product. The services given for the same will be a paid service.
- The company in no way will be held liable for any loss or injury or damage caused to any form of life for any reason whatsoever.
- The warranty will not apply if any original seal are found broken or tampered.
- The warranty will not apply if point to point wiring not found.

LIMITED WARRANTY STATEMENT

- Genus Innovation Ltd., represents and warrants that the Inverter/HUPS ("PRODUCT") is free from defects in material and workmanship.
- The warranty of the PRODUCT extends for a period of 36 months commencing from the date of installation or 42 months from the date of manufacturing whichever is less.
- During the warranty period Genus Innovation Ltd. or its authorized service network will repair or replace the PRODUCT or any relevant part (Except LCD/LED's, Switches and External Body) thereof in the event found to be defective. The repaired PRODUCT or the product / part provided as a replacement for a defective PRODUCT/ part shall be free from defects. The END USER/Consumer/Purchaser of the PRODUCT of his/her assignee ("CONSUMER") shall not be charged (whether for parts, labour or otherwise) for the repair or replacement of the defective product during the warranty period. All parts/boards or equipments shall become the property of Genus Innovation Ltd.
- The warranty will be void if installed solar panels are more than the maximum recommended capacity (Voc & Power).
- The warranty in respect of a repaired or replaced PRODUCT/part shall extend for the remaining warranty period of the repaired PRODUCT or replacement thereof to the CONSUMER.
- The CONSUMER shall have no coverage or benefits under this warranty in the event that any of the following conditions are applicable:
 - a) The PRODUCT has been subject to abnormal use or conditions, improper storage, exposure to excessive moisture or dampness, exposure to excessive temperature (beyond specification), unauthorized modification, unauthorized repair (including but not limited to the use of unauthorized spare parts), abuse accident, acts of God, spills of food or liquids, improper installation and breakage or damage.
 - b) The CONSUMER has not notified the defect of the PRODUCT to Genus Innovation Ltd, during the applicable warranty period.
 - c) The PRODUCT serial number code or the accessory date code has been removed, defaced or altered.
 - d) The PRODUCT has not been with or connected to an accessory:
 - Not supplied by Genus Innovation Ltd or its affiliates.
 - Not fit for use with the PRODUCT
 - Used otherwise than in the manner intended.
 - e) All plastic surfaces and all other externally exposed parts that are scratched, or damages due to abnormal customer use.
- In order to the derive benefit of this warranty in respect of any defects in the PRODUCT, the CONSUMER shall ship the PRODUCT or part thereof at its cost to the authorized service center of Genus Innovation Ltd. The Genus Innovation Ltd. shall bear the cost of shipping the PRODUCT or part there of back to the CONSUMER after the completion of the service under this limited warranty.
- NO OTHER EXPRESS WARRANTY IS APPLICABLE TO THE PRODUCT. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN GENUS INNOVATION LTD. SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT INCONVENIENCE LOSS OR ANY OTHER CONSEQUENTIAL DAMAGE ARISING OUT OF THE USE OF OR INABILITY OF USE OF THIS PRODUCT OR FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY OR MERCHANTABILITY OR FITNESS APPLICABLE TO THIS PRODUCT.
- It's a hereby expressly clarified that all warranties (express of implied) in respect of the PRODUCT are provided by the Genus Innovation Ltd.
- All disputes are subject to jurisdiction of JAIPUR only.

Warning: If wrong wiring found during installation, Warranty of MaxiLion will be void.

OVERVIEW

At the very outset, allow us to congratulate you on your excellent choice of Lithium Inverter. In a world of me-too products, you will find Genus Pure Sine Wave Lithium Inverter a generation ahead of the entire category. That's because our breakthrough chip embedded sine wave technology delivers the same current as you get from your mains.

The distinguishing features of Genus Pure Sine Wave" Lithium Inverter are:

- Sine Wave Output suitable for PCs
- DSP Based Intelligent Control Circuit
- LED + LCD Dual Display (Message and Faults)
- DSP Based Smart Charger
- Smarter Overload Sensing & Short Circuit Protection
- Easy to Service
- Battery State Monitoring
- ASIC Technology
- Great Power Saving
- Future Expandability possible
- Eco - Friendly and High Safety

This manual has been specially created to give you a thorough understanding of your Lithium inverter and its optimum use. Do spare some time to read it carefully. In case you need help at any time, please feel free to contact our dealer or mail us at customer.care@genusinnovation.com Any suggestions, comments or grievances are welcomed, after all, the ultimate "Quality Manager" of any product is the customer. Your insights guide our innovations.

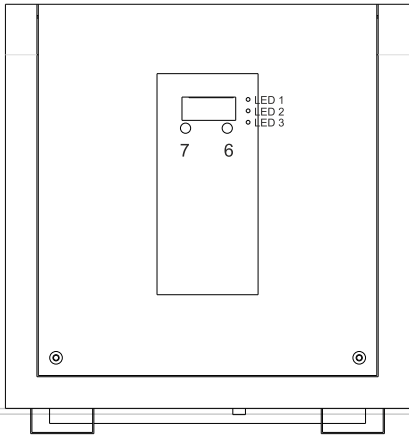
KNOWING YOUR LITHIUM INVERTER

Now let's begin the journey to explore various aspects of our Genus Pure Sine Wave Lithium inverter Welcome abroad. In its most basic form, a Lithium inverter transforms Direct Current (DC) to Alternating Current (AC). The battery pack with the Lithium inverter acts as a reserve to ensure continuous supply of power whenever mains supply from utility power is not available

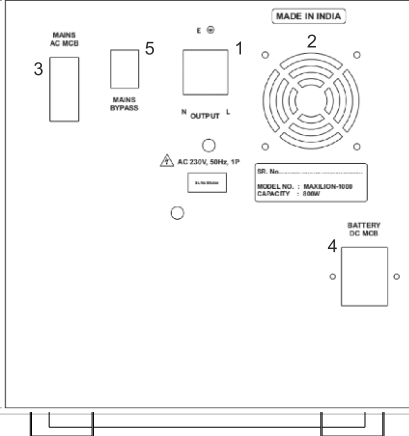
FRONT & BACK PANEL DESIGN

On the front panel of the Lithium Inverter there are 3 switches and 4 LED's and on the back panel of Lithium inverter all wiring related points like TB, socket given. MCB and By pass switch also given.

FRONT

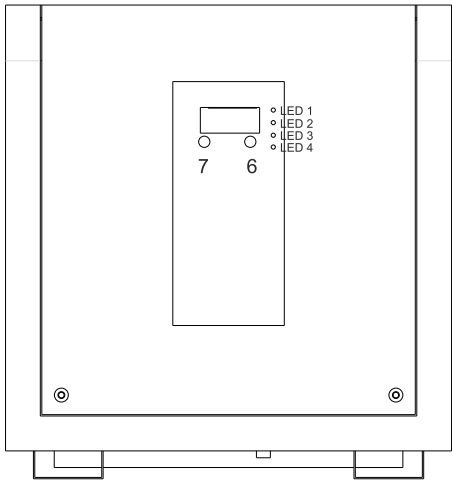


BACK

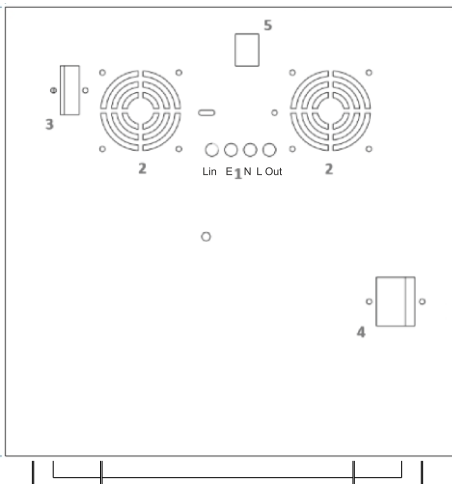


For MaxiLion 700/1000

FRONT



BACK



For MaxiLion 2400

POSITION	FUNCTION	REMARK
1	Output Socket	Connect your load wire here to get the output from Lithium Inverter
2	Cooling Fan	To maintain temperature by forced cooling; Avoid blockage to this point
3	Back Side	Input AC Mains Circuit Breaker (Fuse/MCB)
4	Battery DC Input Circuit Breaker (MCB)	Use for protection from overload and short circuit - AC input Mains supply end
5	Mains Bypass	Use for protection from overload and short circuit - DC inputs supply end
6	UPS/NOR Mode selection switch	Use Mains bypass in case of system failure
7	Power ON-OFF Switch	Use to select between UPS or Normal (inverter) mode

* Above Picture is for reference purpose, Actual product may differ.

Dual Display Indication and Representations			
Maxilion 700/1000	Condition	LED	LCD Slides
	Backup Mode	LED 1: OFF LED 2: Blinking LED 3: OFF	Load Status Load Voltage Load Current Load Percentage
	Mains Available	LED 1: Continuous Glow LED 2: Continuous Glow LED 3: OFF	Mains Voltage Charging Current
	Mains Out of Range	LED 1: OFF LED 2: Blinking LED 3: OFF	Mains HI (If Mains voltage is more then specification) Mains Low (If Mains voltage is Low then specification)
	UPS/Normal Mode	As Backup/Mains Mode	UPS ON (For UPS mode) UPS OFF (For Normal Mode)
	Battery Full Charged	LED 1: Continuous Glow LED 2: Continuous Glow LED 3: OFF	Battery Charged
	Mains Fuse Blown/ MCB Trip	LED 1: Continuous Glow LED 2: OFF LED 3: Continuous Glow	MAINS FUSE TRIP
	Over Temperature (When Mains Available)	LED 1: Continuous Glow LED 2: OFF LED 3: Continuous Glow	OVER TEMP
	Over Temperature (When Mains Not Available)	LED 1: OFF LED 2: Blink LED 3: Continuous Glow	OVER TEMP
	Short Circuit	LED 1: OFF LED 2: Blink LED 3: Continuous Glow	SHORT CIRCUIT
	Low Battery Warning	LED 1: OFF LED 2: Blink LED 3: Continuous Glow	Battery Voltage
	Low Battery Cut	LED 1: OFF LED 2: Blink LED 3: Continuous Glow	BATTERY Low TEMP
	Over Load Warning	LED 1: OFF LED 2: Blink LED 3: Continuous Glow	LOAD 135% TEMP
	Over Load Trip	LED 1: OFF LED 2: Blink LED 3: Continuous Glow	OVERLOAD TEMP

Dual Display Indication and Representations			
Maxilion 2400	Backup Mode	LED 1: OFF LED 2: OFF LED 3: Blinking LED 4: OFF	Load Status Load Voltage Load Current Load Percentage
	Mains Available	LED 1: Continuous Glow LED 2: OFF LED 3: OFF LED 4: OFF	Mains Voltage Charging Current
	Mains Out of Range	LED 1: OFF LED 2: OFF LED 3: Blinking LED 4: OFF	Show Mains Voltage out of specifications
	UPS/Normal Mode	As Backup/Mains Mode	UPS ON (For UPS mode) UPS OFF (For Normal Mode)
	Battery Full Charged	LED 1: Continuous Glow LED 2: OFF LED 3: OFF LED 4: OFF	Battery Charging current less the 3 Amp
	Mains Fuse Blown/ MCB Trip	LED 1: Continuous Glow LED 2: OFF LED 3: OFF LED 4: Continuous Glow	00.00
	Over Temperature (When Mains Available)	LED 1: Continuous Glow LED 2: OFF LED 3: OFF LED 4: Continuous Glow	0.00
	Over Temperature (When Mains Not Available)	LED 1: OFF LED 2: OFF LED 3: Blink LED 4: Continuous Glow	0.00
	Short Circuit	LED 1: OFF LED 2: OFF LED 3: Blink LED 4: Continuous Glow	SC
	Low Battery Warning	LED 1: OFF LED 2: OFF LED 3: Blink LED 4: Continuous Glow	Battery Voltage
	Low Battery Cut	LED 1: OFF LED 2: OFF LED 3: Blink LED 4: Continuous Glow	Lo
	Over Load Warning	LED 1: OFF LED 2: OFF LED 3: Blink LED 4: Continuous Glow	127.0
	Over Load Trip	LED 1: OFF LED 2: OFF LED 3: Blink LED 4: Continuous Glow	OL

Note:- LED 2 will blink when you press switch from front side, for only switch operation indication.
Display Colour will Change as:-
Green - When Mains/Grid Available
Yellow - When Backup Mode
Red - When any fault condition occur

