



# Hyder HLi 100

## Welcome to the Future of Riding!

Thank you for choosing **Hyder**, where innovation meets reliability.  
Here are important instructions you need to follow for safe and efficient operation of your motorcycle.

### ⚙️ Basic Operating Instructions

- **Throttle & Speed:**

For best performance, speed up the motorcycle gently. The motorcycle runs optimally at **40 - 45 km/h**, consuming the least amount of energy.

- **Battery Guidelines:**

- The accurate measure of charge state of the battery is its voltage meter on the display.
- While charging, the battery will touch a maximum of 84 Volts.
- As soon as the Battery is fully charged, the charger will cut-off charging and the battery will stabilize to its floating voltage of 78 Volts. This is state of full charge.
- The End Voltage of motorcycle Battery is (Stop Riding): 67V
- Cell Bar on the display: The top forth bar on the display only signifies that the battery has been fully charged, when the charger is plugged in. As soon as the charger is removed or plugged out, the top forth bar of the display drops. The motorcycle will give you its full mileage on the remaining three bars of the cell display.
- The best life of a Lithium Iron Phosphate battery is ensured if the battery is kept at a charging state between 20% to 80%. In Voltage terms it means between Voltage of 76V to 73V.

**⚠️ Charge Prompt:** When voltage drops to **72V**, please charge your motorcycle as it will stop working after another 10 to 15 KM ride.

### ⚡ Charging & Battery Care

- **Only use the Genuine Hyder charger provided with the motorcycle.**
- **Charging Time:** 3 hours using the original charger.
- When the motorcycle has to be charged, first plug the charger in the motorcycle and then plug in the wall socket.
- When fully charged, switch off the charger from wall socket first and then remove the plug from the motorcycle at least after 10 seconds. Although, the battery has an auto cut-off function, but it is advisable to plug off the charger when the motorcycle is fully charged.
- It is important to ensure a cool dry and well-ventilated space for the charger and the motorcycle, while charging.
- It is normal for charger to get hot during charging. The cooling fan of the charger starts few moments after the charger is switched on. However, if the fan of charger does not work at all during charging, please disconnect the charger immediately and get your charger inspected from Hyder service center.
- The original charger has three indicator lights.
  - Red Light: Lights up when the charger is operational.
  - Blue Light: Lights up when the charger is charging the battery.
  - Green Light: Lights up when the battery is fully charged.

**Always charge in a cool, dry and ventilated place.**