

IONA CLASSIC

Electric Motorcycle


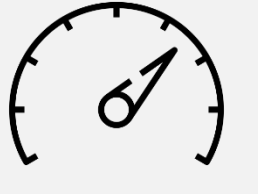




The IONA Classic is an electric motorcycle specifically designed for city fun driving as well as for last-mile deliveries. It runs on an electric rear hub motor that could last decades and has a rated power of 4000W with a driving range up to 120 km on a single charge, making it suitable for one full day of work.

The exterior may look classic but when you drive it, the IONA Classic will give you the power and is equipped with the latest technologies. Its rear hub motor will give you a top speed of 75 km/h and it has a non-removable 60V ternary battery pack with a total capacity of 3.3 kWh.

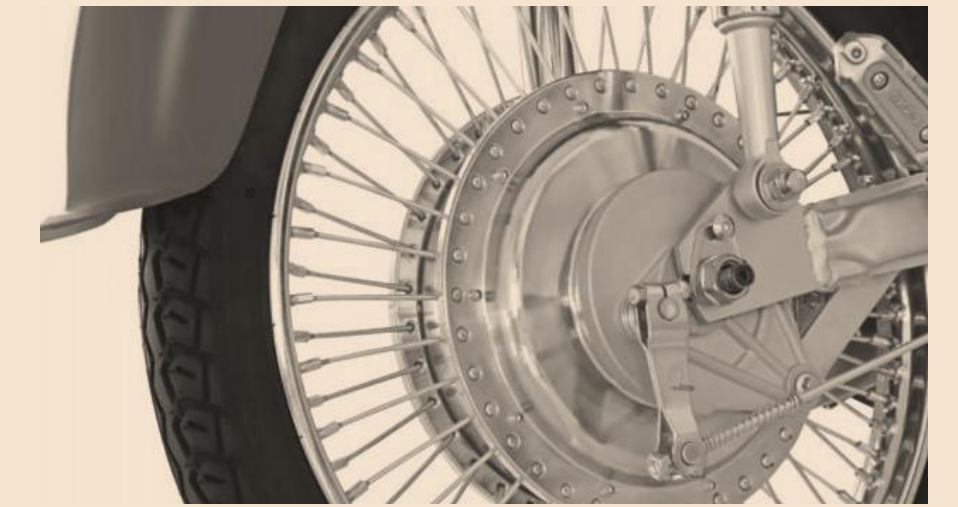


Specifications Summary

| | | | |
|--|--|---|---|
|  <p>Regenerative Brake system</p> |  <p>Top speed 75 km/h</p> |  <p>Driving Range 120 km</p> |  <p>HV battery 3.3 kWh</p> |
|--|--|---|---|

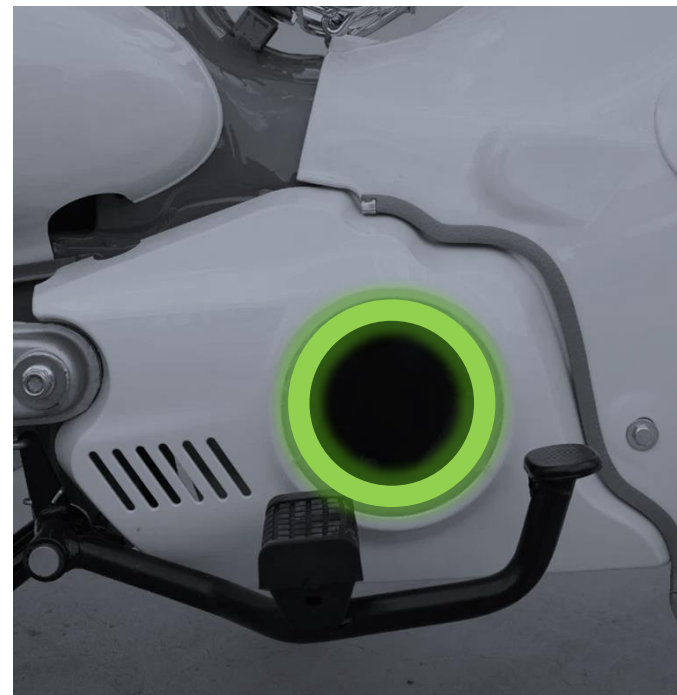


Luggage compartment with key

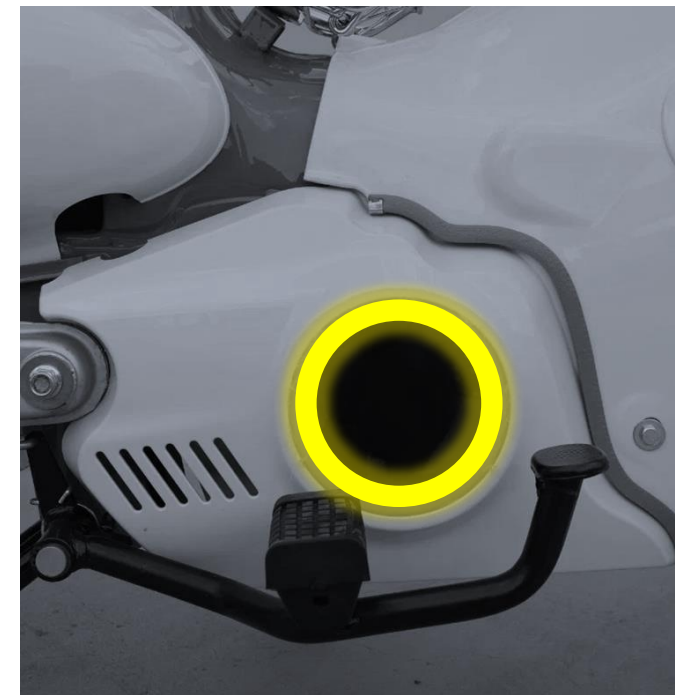


Electric hub motor

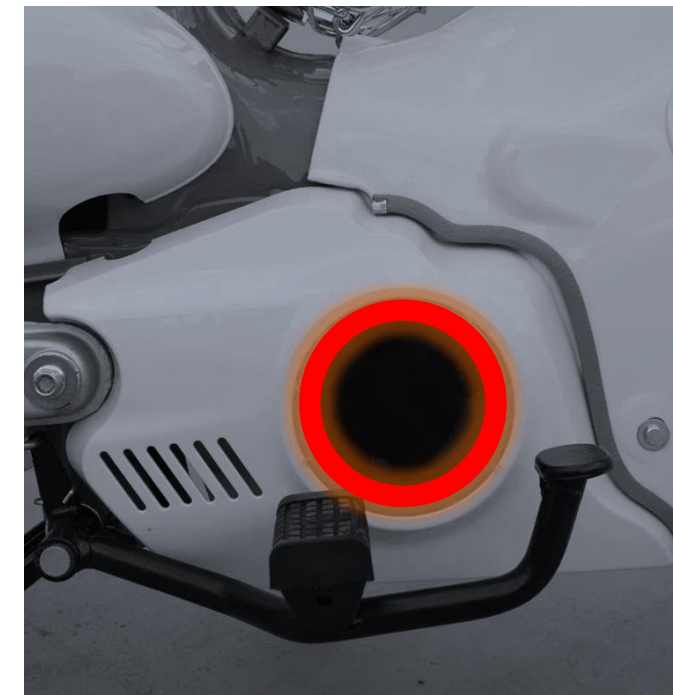
Battery Level Indicator



GREEN LIGHT
Indicates that the battery pack level is between 100% - 80% SOC













YELLOW LIGHT
Shows that the battery pack level is between 80% - 30% SOC



RED LIGHT
Indicates that the battery pack level is between < 30% SOC

Battery Management System

| | | | | |
|---|---|--|--|--|
|  <p>Over current protection</p> |  <p>Over charge protection</p> |  <p>Over discharge protection</p> |  <p>Waterproof protection</p> |  <p>Temperature protection</p> |
|  <p>Pre discharge protection</p> |  <p>Short circuit protection</p> |  <p>Short line protection</p> |  <p>Power device fault protection</p> |  <p>Voltage equalization protection</p> |



Ride Smart with the
IONA Classic





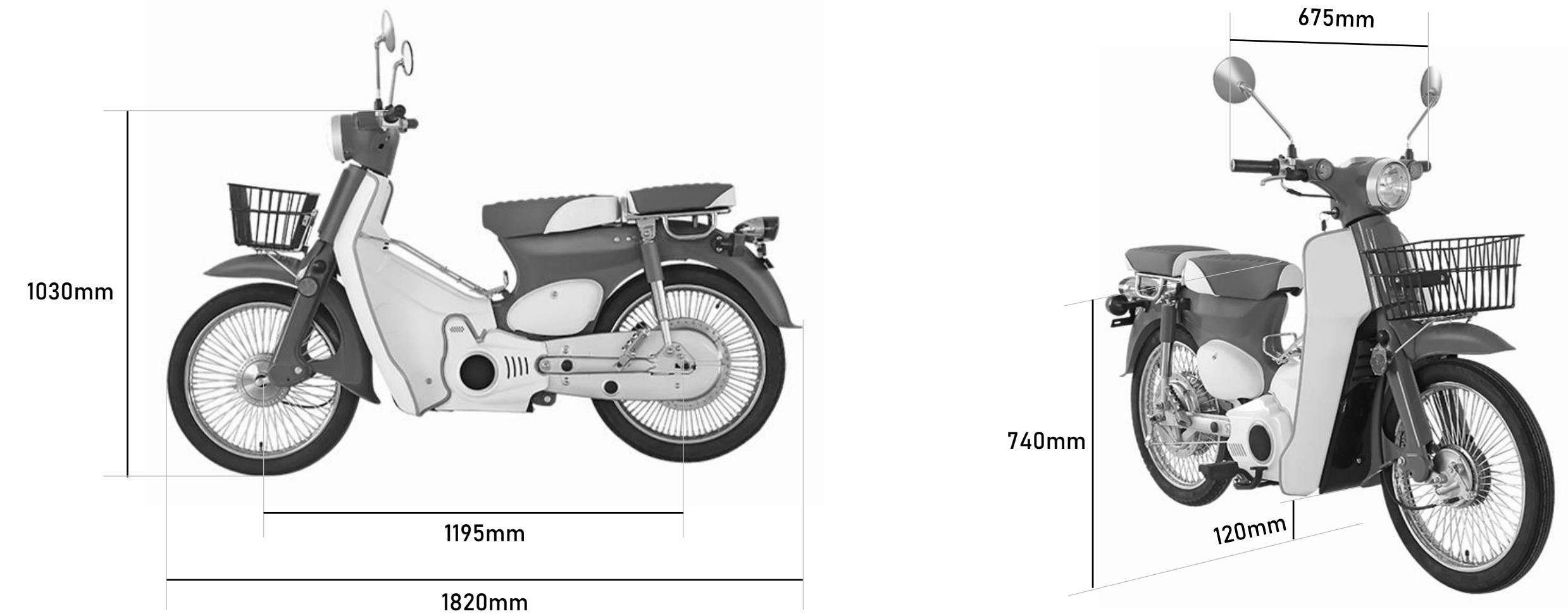
Ride Green with the
IONA Classic



IONA Classic Specifications

| | |
|---|---|
| Motorcycle Type | Underbone |
| Motorcycles category | L3e-A1 |
| Body structure | Stamping structural steel welding |
| Dimensions | L1820 x W675 x H1030 mm |
| Wheelbase | 1195 mm |
| Seat height | 740 mm |
| Min ground clearance | 170 mm |
| Max speed | 70 km/h |
| Gradeability | >15° |
| Tyre Front/Rear | 2.25-17" / 2.75-17" |
| Battery type (non-removable) | Ternary lithium-ion (prismatic cell) |
| Battery pack weight | 23.5 kg |
| Battery pack voltage | 60 V |
| Battery pack capacity | 55 Ah |
| Battery pack total capacity | 3.3 kWh |
| Charging power | 1.1 kW |
| Charger time (0-100%) | 4 hours (240 minutes) |
| Charger time (20-100%) | 2:25 hours (145 minutes) |
| Charger time (20-80%) | 1:50 hours (110 minutes) |
| KM of range per hour of charging | 30 km |
| Driving range (depending on conditions) | 120 km |
| Regenerative braking system | Available |
| Motor type | DC brushless hub motor |
| Motor rated power | 4,000 W |
| Motor peak power | ≤ 10,000 W |
| Max Load | 55 kg |
| Curb weight | 95 kg |
| Gross vehicle weight | 150 kg |
| Lights | LED |
| Input current | <4.5A |
| Input voltage | 110-240V |
| Over current protection value | 50A ±1A |
| Under voltage protection value | 50V ±0.5V |
| Brake System Front/Rear | Drum / Drum |
| LCD Meter | Digital |
| Suspension system Front/Rear | Swing arm forks / Dual shock absorbers |
| Shock Absorber Front/Rear | Front: spring shock / Rear: hydraulic shock |
| Luggage Compartment | With Key Lock |
| Vehicle start/stop | With Key Lock |
| USB Charging port | 1 port |

Dimensions



Color Options



Blue

Azure Blue

Yellow

Orange

Disclaimer:

The battery pack capacity may/will degrade over time and usage. The actual driving range will vary depending on driving behaviors, charging intervals, driving speed, cargo load weight and weather conditions. The figures shown are for comparability purposes; only compare with other vehicles tested to the same technical procedures and similar vehicle weight class. The charging duration are estimates. The permissible total cargo weight must not exceed. Technical specifications and data are valid at the time of publishing. The product images shown are for illustrative purposes only. Specifications are subject to change without prior notice.

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