



## 4-Wheel Electric Garbage Rear Loader

|                                    |                                      |   |
|------------------------------------|--------------------------------------|---|
| <b>Vehicle Basic Parameters</b>    | External Dimension(L x W x H)        | 4.26m(L) x 1.5m(W) x 2.08m(H)   |
|                                    | Nos of Passenger                     | 2   |
|                                    | Front Tread(mm)                      | 1210  |
|                                    | Rear Tread(mm)                       | 1210  |
|                                    | Wheel Base(mm)                       | 2090  |
|                                    | Max Mileage(Without Load) (Km)       | 80  |
|                                    | Max Speed (Km/h)                     | 30  |
|                                    | Min Turning Radius(m)                | 5   |
|                                    | Max Turning Angle(Degree)            | 45  |
|                                    | Gradeability                         | 10 degree   |
|                                    | Volume of Garbage Container(CM3)     | About 3.60 (2550 L x 1446 W x 1100 H)   |
|                                    | Norminal Load Capacity(Kg)           | 2000  |
|                                    | Vehicle Weight (Kg)                  | 1980  |
|                                    | Ground Clearance(mm)                 | 140mm   |
|                                    | Min Braking Distance(m) at V=20Km/h  | 5   |
|                                    | Max Tipping Angle                    | 50 degree   |
| <b>Vehicle Body Configurations</b> | Chassis                              | Heavy duty, with hydraulic braking systems, E coating   |
|                                    | Front Wind Shield                    | Laminated glass panel, with wiper   |
|                                    | Driver's Cabinet                     | Fiber glass body by integral moulding, doors optional   |
|                                    | Floor                                | Anti-slippery leather pad   |
|                                    | Dashboard                            | Fiber glass material, with speedo meter, battery indicator, current meter, combination buttons, etc.  |
|                                    | Mirrors                              | Available   |
|                                    | Lamps and Signals                    | Headlamp, left/right indicators in front and rear, position lamp, brake lamp, horn and reverse buzzer |
|                                    | Garbage Container                    | The whole lining inside container is made of SS steel   |
|                                    | Dustbin Lifting Mechanism            | Hydraulic operated self-locking and pressing lifting system, easy to operate                          |
|                                    | Compactor                            | Available   |
| <b>Electric Components</b>         | Battery capacity                     | 72V 250Ah Lithium Ion Battery or 72V 200Ah Gel SMF Lead Acid Battery                                  |
|                                    | Driving Motor                        | 72V 6.3KW DC Series motor   |
|                                    | Charger                              | 72V 30Ah smart auto-cut, 8 hours to full charge   |
|                                    | Range booster (for battery charging) | Petrol type, optional   |
| <b>Hydraulic System</b>            | Hydraulic Cylinder for Tipping       | Diameter 80mm x 235mm(L) x 1 piece  |
|                                    | Hydraulic Cylinder for Compactor     | Diameter 50mm x 290mm(L) x 2 pieces   |
|                                    | Motor for Pump                       | 72V 1500W DC motor  |
|                                    | Hydraulic Pump Pressure(Mpa)         | 16  |
|                                    | Control Voltage(VDC)                 | 12  |
|                                    | Oil Tank(L)                          | 16  |
|                                    | Tipping Process Duration(S)          | 12  |
|                                    | Dustbin Loading&unloading CT(S)      | 10  |