

## Pure Electric Road Sweeper



## Technical Specifications of Electric Sweeper

| Part Name        | No. | Item                | Specification                                                 |
|------------------|-----|---------------------|---------------------------------------------------------------|
| Complete Vehicle | 1   | Vehicle model       | CL-CX240L                                                     |
|                  | 2   | Cleansing width     | 2450mm                                                        |
|                  | 3   | Efficiency          | 20000-35000m <sup>2</sup> /h                                  |
|                  |     | Suction cup width   | 720mm                                                         |
|                  | 4   | Working time        | 3-6h                                                          |
|                  | 5   | Trash bin capacity  | 240L garbage can                                              |
|                  | 6   | Side brush diameter | Front 700mm Rear 600mm                                        |
|                  | 7   | Travel speed        | 0-16km/h                                                      |
|                  | 8   | External dimensions | 3600*2450*2200mm                                              |
|                  | 10  | Water tank          | 300L                                                          |
|                  | 11  | Vacuum filter area  | 20m <sup>2</sup>                                              |
|                  | 12  | Tire model          | 135R70R12                                                     |
|                  | 13  | Control method      | Intelligent control system (electric dust vibration function) |
|                  | 14  | Craftsmanship       | Full electrophoretic paint finish                             |
| Warning light    | 1   | Headlights          | Four-way LED headlights                                       |
|                  | 2   | Taillights          | Integrated steering, brake, and driving taillights            |
|                  | 3   | Warning lights      | Top-mounted warning light                                     |
|                  | 4   | Reversing lights    | Reversing camera                                              |



|                     |   |                                  |                                                |
|---------------------|---|----------------------------------|------------------------------------------------|
| Battery             | 1 | Battery type                     | Standard lithium battery                       |
|                     | 2 | Battery capacity                 | Standard 60V 200AH (optional for 240AH, 300AH) |
| Motor               | 1 | Travel motor                     | 3000W smart shift                              |
|                     | 2 | Suction motor                    | 5000W                                          |
|                     | 3 | Side brush motor                 | 4 x 100W                                       |
|                     | 4 | Motor voltage                    | 60V                                            |
| High-voltage system | 1 | High-pressure water pump         | 1500W (maximum pressure 130kg)                 |
|                     | 2 | Handheld high-pressure water gun | 1 pc(including 0°15°25° nozzle)                |
|                     | 3 | High-pressure sweeping gun       | Four directions in one                         |
|                     | 4 | High-pressure hose reel          | 10m                                            |
|                     | 5 | Rear flush                       | 8-10m Spray dust suppression                   |
| Rearview mirror     | 1 | Model                            | Special for sweepers                           |
|                     | 2 | Maximum gradeability             | ≤30°                                           |
|                     | 3 | Wheelbase                        | 1620MM                                         |
|                     | 4 | Power rating                     | 10000W                                         |
|                     | 5 | Curb weight                      | 1050KG                                         |
|                     | 6 | Charging time                    | 6-8 小时                                         |

**Machine Performance:** Combining suction, sweeping, and spraying, it effectively suppresses dust and thoroughly removes ground debris and dust.

**Applications:** Suitable for cleaning factory workshops, parks, streets, driveways, docks, property developments, warehouses, stadiums, schools, airports, and other areas. Its cleaning efficiency is 10 times that of traditional manual cleaning, and one sweeper can replace 8-12 cleaners.



#### Vehicle Features:

★ Chassis: Made of high-strength steel for superior strength and load-bearing capacity, it features electrophoretic rust-proofing for corrosion resistance.

★ Body: Fully enclosed cab with three-sided glass, constructed from high-quality, high-strength metal, offering excellent visibility and a sleek appearance.

★ Drive: Electric differential rear axle drive with continuously variable transmission.

★ Battery: Available with a high-capacity lithium iron phosphate battery pack specifically designed for sweepers.

★ Cleaning System: Pure suction, featuring a "four-side brush + central 720mm suction cup" layout and a 4-meter detachable handheld suction hose for high cleaning efficiency and fast operation.

★ Side Brush System: The front side brush can be extended and retracted for free movement, enhancing vehicle passability. The dual-directional super-collision protection design effectively protects the side brush motor and reduces damage to the front brush mechanism.

★ Equipped with a slope prevention function. Four 135/70R12 tubeless tires; a 240L standard rear bucket; and a two-element 500x350 dust control system filter make cleaning easier and more effective.

★ The vehicle features a voice self-diagnosis system. If the electronic control motor malfunctions, a voice prompt will be given to facilitate diagnosis. Voice prompts are also provided when the vehicle turns, ensuring efficient and safe operation.

★ Machine Performance: A combination of suction, sweeping, and spraying effectively suppresses dust and thoroughly removes debris and dust from the floor.

★ The sweeping efficiency is 10 times that of traditional manual cleaning. One sweeper can replace 8-12 cleaners.



