



Technical Specifications:



Model Name: DUMP-STAR

Purpose of Vehicle: Special Purpose E-Cart

Areas of Applications: Town, Municipal Corporations, Housing Complex,
Hospitals etc.

Max Speed: 23km/hr

Mileage: 80km in Single Charging

Overall Length: 2750 mm

Overall Width: 950 mm

Overall Height: 1610 mm

Wheel Size: 3"x 12"

Efficiency: <90%

Charger Output Voltage: 65V

Brake Type: Drum brakes mechanical; internal expanding shoe type



Suspension: Front: Independent front suspension with compression spring Rear:

High tempered leaf springs

Starting System: Electric

Features: 1) Well engineered with strong tubular chassis.

2) The garbage box is divided into two Cabins.

4) Box will be open on top and Rear Side.

Drive Motor Specifications:

Motor Type: Brushless DC Motor

Rated Power: 850 Watts

Rated Voltage: 48 Volts

Rated Current: <27 Ampere

Rated Speed: 320 RPM

Efficiency: <90%

Charger Output Voltage: 65V

Controller Specifications:

Rated Power: 850 Watts

Rated Voltage: 48 Volts

Rated Current: 50 Amperes

Torque: 250 (N-M)

Main line sectional area: 6^{mm2}

Function of gravity sectional area: 0.3^{mm2}



Battery Specifications:

Make: M/s Exide Industries Ltd

Capacity: 100Ah

Model: 12ER100L

Electric Consumption: 4-6 units

Battery Qty: 4 Nos.

Charger Specifications:

Charger Type: SMPS Axiom Brand

Charging Time: 6-8 hours

Charger Capacity: 12 Amperes

Charger Input Voltage: 230 Volts

Charger Output Voltage: 65V

