

TECHNICAL SPECIFICATIONS

E-Auto: -

Vehicle category	E-Rickshaw
Seating capacity	Driver + 4-seater

Vehicle Dimension & weight: -

Dimension (L*B*H in MM)	2800*1000*1800
Wheel Base	
Ground Clearance (MM)	250
Turing Radius (M)	6
Vehicle kerb weight(kg)	321
Track width (MM)	825.5

Performance: -

Top speed (kmph)	25
Certified Range (kms)	120
Typical Driving Range(kms)	100
Gradeability Degree	7

Battery: -

Battery Type voltage	Lead acid 48v
Battery (AH)	100
Charging time at standard condition	7 -8 hours

Drive Train: -

Peak power (kw)	1000
Peak Torque (NM)	25
Transmission Type	Direct Drive

Suspension & Brakes: -

Suspension Front	Helical spring + Hydraulic shock absorber
Suspension Rear	Parabolic leaf spring
Brake (Front/Rear)	Drum Brake (Mechanical)

Type: -

Roof Type	Fibre roof
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Warranty: -

Duration	

PRODUCT SPECIFICATION

1. Battery: - Exide E-Ride Tubular 100AH Battery



- ✓ Dimension: 410 x 176 x 279 mm
- ✓ Voltage: 12 v
- ✓ Weight: 27.8 kg
- ✓ Battery type: Lead acid battery
- ✓ Capacity: 100 AH
- ✓ Warranty: 12 Months

2. Motor: - BLDC Motor



- ✓ Type: Brushless
- ✓ Power: 900 watts
- ✓ voltage: 48 V
- ✓ Rated current: 50 Amp
- ✓ Speed: 1440 RPM (Without load)
300-400 RPM (with load)
- ✓ Motor feedback: Hall effect sensor

3. Controller: - 24 Tubes 50 Amp



- ✓ Types: - 24 Tubes 50 Amp
- ✓ Voltage: - 48 V
- ✓ Current: - 50 Amp
- ✓ Working frequency: - up to 50Hz

4. DC-DC Converter: -



- ✓ Voltage: - 13.5 V
- ✓ Current: - 10Amp

5. Brake: - Drum Brake



- ✓ Type: - Mechanical
- ✓ Material: - Cast iron
- ✓ Diameter: - 80 mm
- ✓ Feature: - Corrosion Resistance

6. Suspension: - Telescopic Suspension



- ✓ Type: -Telescopic Suspension
- ✓ Material: - Mild steel
- ✓ Weight: - 5 -10 kg
- ✓ Finishing: - Galvanised
- ✓ Thickness: - 43mm

7. Suspension: - leaf spring



- ✓ Material: - Iron
- ✓ Weight: - 3.5 – 6 kg
- ✓ Size: - 45 x 6 mm, 38 x 6 mm, 50 x 6 mm

8. Differential: -



- ✓ Material: - Carbon Steel
- ✓ Size: - 33 inch
- ✓ Loading capacity: - 800kg

9. Tyre: -



- ✓ Material: - Nylon
- ✓ Size: - 2.575 - 12 inch
- ✓ Colour: - Black

10. Rim: -



- ✓ Material: - Stainless steel
- ✓ Size: - 10.5 inch
- ✓ Thickness: - 2 – 5 m