

for immediate use

PRODUCT NOTE

Tata Prima E.55S

The Tata Prima E.55S is a step towards achieving emission-free trucking solution in cement, ports and steel industries. This advanced truck offers an operating range of up to 350km. Ideal for heavy-duty tractor applications, the electric truck features an integrated 3 speed e-axle with traction motor that will help deliver best in class grade-ability and performance. Built with proven aggregates, the vehicle ensures exceptional reliability, meeting the rigorous demands of fleet operations. Equipped with Advanced Driver Assist Systems (ADAS level 2), the vehicle enhances safety and operational efficiency, further reinforcing its suitability for modern fleet requirements.

USPs:

- Full-electric drivetrain with an integrated e-axle and state-of-the-art regenerative braking for higher range.
- Enhanced dynamic braking through Electronic braking system (EBS) and Electronic Stability control (ESC)
- ADAS level 2 with 21+ features, best-in-class Driver Monitoring System (DMS) with 5 safety enhancing features
- Advanced infotainment system – 7” infotainment touch screen with Bluetooth compatibility & auxiliary connect.
- New Styled Steering wheel with controls for infotainment system controls and Instrument cluster
- Multi-information Display Cluster with 12.3” & 7” TFT
- Best in class Connectivity through Fleet Edge equipped with 31 features (15+ unique to EV)
- FOTA-Enabled control units for Seamless Upgrades Hill start aid (HSA)
- Pneumatic Suspended Seat with ELR seat belts
- Next gen e mirror, power window, central locking

Applications: Steel, Coal, Cement, Bulker, Container

Technical specifications:

Parameter	Description
GVW(kg)	55000
Charger specification	CCS2 Charger featuring both Single & Dual Gun Fast charging
Motor	Max torque- 2455 Nm & Max Power- 470kW
Battery Pack	Battery Pack 300kWh to 450kWh
Range	200 to 350 kms based upon battery option & duty cycle
Axle	3 Speed E-axle with auto shift feature
Tyre	Option 1: 295/90R20 (Tube tyres), Option 2: 295/80 R22.5 (Tubeless tyres)
Suspension	Parabolic leaf spring with rubber bush (Front) Rear semi elliptical multi leaf suspension (rear)
Brakes	EBS system with regeneration Option 1: Drum brake, Drum S Cam air brake (Noise free Liners), Option 2: Disk Brake
Restart Gradeability	Up to 28%
IP Rating	IP67 compliant aggregates