

for immediate use

PRODUCT NOTE

Tata Prima E.28K

The Tata Prima E.28K is a robust 28-tonne electric mining tipper engineered to deliver sustainable, zero-emission performance in demanding off-road and on-road applications. Powered by a high-capacity 453 kWh battery and an efficient 145 kW traction motor, it delivers an impressive torque of 2950 Nm, enabling reliable operations across shallow mining, mineral movement, bulk cargo handling, and port applications. With an optimal real-world range of up to 220 km, advanced regenerative braking with EBS, fast-charging capability, and a reliable e-axle, the E.28K offers exceptional productivity with significantly lower running costs. The proven Prima cabin with pneumatic suspended seating, modern safety systems, and EV-specific control features ensure a comfortable, safe, and future-ready operating experience for intensive duty cycles.

Key Features

- Fast-charging capability (up to 1.5 hours) enabling higher uptime and suitability for multi-shift operations.
- Durable configuration with 18m³ box body (also available in 16 m³ scoop), built for long life and reliable performance in rugged conditions.
- Premium Prima cabin featuring pneumatic suspended driver seat, ELR seat belts, power windows, central locking, and remote vehicle locking for superior comfort.
- Comprehensive driver safety and monitoring suite including DMS, drowsiness alert, distraction alert, seatbelt warning, and phone-on-ear alert.
- Enhanced EV operating features such as energy regeneration, 2-mode drive, HV safety system, cruise control, hill-start aid, and battery management program for preventive maintenance

Applications: Shallow mining, Mineral movement, Port application

Technical specifications

Parameter	Description
GVW (kg)	28000
Traction Motor	HV 3000/6 Phase
Torque-Traction Motor	2950Nm
Battery Pack	Lithium Ion - 453KwH
Suspension	Front - Parabolic leaf spring Rear – 37T Bogie Suspension
Transmission type	Central Drive, 6x4, RWD
Tyres	11 x 20-18PR ML
Brakes	S Cam air brake (Noise free Liners) with EBS , Hill Start assist and ATC
Restart Gradeability	32%
Range	Up to 220 km