

## IRIS EV

Tata Iris is a passenger vehicle used for public transportation, which is currently available in both diesel & CNG versions. Tata Motors in its commitment of moving towards greener and cleaner fuel options brings Iris Electric Vehicle. It is a smart solution on electric platform, which seeks to serve the needs of various commuters wanting greener and cleaner environment.

### USP:

- Available in two options 3+ Driver and 4+ Driver
- Battery powered Electric vehicle reducing emissions to zero
- 48V battery pack of long-life, maintenance-free lithium-ion batteries.
- 15kW Power making the drive smooth with a top speed of 50kms/hr
- Range exceeding 100 kms per charge with five hours required for full charging.
- Single reduction drive which allows to navigate in the traffic effortlessly.
- With Regenerative braking, batteries are charged every time the brakes are applied which helps in recovering the dispensed energy
- Emergency feature for extra range to reach the nearest charging point.

**Applications:** Last mile connectivity

### Technical Specifications:

Parameter	Description
Motor	3 phase Induction Motor
Max Power	15 Kw@2750 RPM
Steering Mechanism	Rack & Pinion
Seating Capacity	1) 4+ Driver 2) 3+ Driver
Suspension	Front: McPherson Strut Rear: Coil Spring with Semi- Trailing Arm
Frame	Ladder type, cranked with hat section long members and welded cross members
Gearbox	Trans axle, single speed
Battery	Li-Ion Type
Brakes	Front Drum: 180mm Rear Drum: 180mm
Dimensions (L x W x H)	2960mm x 1512 mm x 1840mm
Tyres	145 R 12 LT 6 PR- Radial Ply
Wheel Base	1650mm
Max Speed	50kmph
Ground Clearance	140mm
Turning Radius	3.5m

