

# SUPER WHEELCHAIR

## SUPERCAPACITOR POWERED ELECTRONIC WHEELCHAIR

This specially designed, latest-technology wheelchair is intended for physically disabled individuals. The electronic wheelchair is a motorized mobility device designed to assist individuals with limited mobility in moving independently. It operates using hybrid batteries (battery with supercapacitor) and is controlled via a joystick for ease of navigation.

### Specifications

- Load Capacity: 120 kg
- Maximum Speed: 8 km/hr with 5-speed selector
- Drive Range: 10–15 km/charge (longer travel mileage)
- Motor Power: 250 W to 350 W per Motor
- Battery + Supercapacitor : 24V

### Tyres

- Solid rubber type (puncture-free)
- Front Tyre Diameter: Minimum 7" with gripping-type treads
- Rear Tyre Diameter: Minimum 10", wide enough to handle outdoor terrain
- Guarantee: 1 year
- Brakes: Electromagnetic with manual backup brake release

### Seat Dimensions

- Seat Width: Minimum 400 mm
- Seat Height: Minimum 500 ± 40 mm from ground
- Provision: Seat belt provided



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