PROPICK

PRODUCT & OWNER GUIDE | ENGLISH

COMPACT ELECTRIC WHEELCHAIR

Lead-acid battery version



READ THIS MANUAL BEFORE OPERATING THE WHEELCHAIR

propick.co.nz

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01 Critical safety

WARNING - serious injury risk

Do not use the wheelchair until the user and attendant understand the controls, brakes, freewheel mode, safe transfer method and charging procedure. Stop using it if any safety-critical part is loose, damaged or behaves unexpectedly.

Every ride

- Maximum user mass: 90 kg. One seated occupant only.
- Fasten the lap belt and keep feet on the footplates while moving.
- Start at the lowest speed. Practise on a flat, open area with an attendant nearby.
- Keep both anti-tip wheels installed and both motor levers in DRIVE before powered use.
- Do not drive across steep slopes, kerbs, stairs, escalators, loose gravel, deep water or soft ground.
- Slow down before turns and slopes. Never make a sharp turn at speed.

Never

- Never enter or leave the chair while power is on. Apply the parking brakes for transfers.
- Do not use freewheel mode on any slope. The chair can roll without motor braking.
- Keep hands, clothing and bags clear of wheels, folding joints and moving parts.
- Protect the controller, battery and motors from rain, spray and condensation.
- Do not modify wiring, open the battery enclosure or use a charger not supplied or approved by Propick.
- The wheelchair is not an approved vehicle seat. Transfer to a vehicle seat for transport.

Stop immediately if...

The chair pulls to one side, braking distance increases, the joystick does not return to centre, the controller flashes continuously, you smell burning, a tyre is damaged, or any cable is loose. Switch off, keep the chair out of use and contact Propick.

02 Product at a glance

ONE MODEL - LEAD-ACID VERSION



Included with the chair

- Wheelchair frame
- Controller
- Battery enclosure
- Footrests
- Anti-tip wheels
- Approved charger
- Owner's manual

Check the carton before assembly. If anything is missing, damaged or wet, do not use the wheelchair; photograph the packaging and contact Propick.

Specifications

PERFORMANCE	VALUE
Maximum user mass	90 kg
Maximum speed	6 km/h
Typical travel range	15-20 km per charge*
Maximum stated climbing angle	8 degrees*
Drive system	Rear-wheel drive; dual 250 W motors (500 W total)
Braking	Automatic electronic braking
Electrical system	24 V sealed lead-acid battery system
Rear / front wheel size	12 in / 8 in
Frame	Powder-coated carbon steel
Overall dimensions (L x W x H)	101 x 63 x 87 cm
Seat (W x D x H from floor)	45 x 42 x 50 cm
Backrest height	46 cm
Product weight	Net 25 kg / Gross 27 kg
Recommended operating environment	10-40 C; dry conditions
Storage environment	-20 to 55 C; dry and ventilated

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Performance depends on conditions

*Range and climbing performance vary with battery age and charge, user mass, tyre condition, temperature, surface, slope and driving style. Use conservative route planning and turn back before the battery indicator reaches low. The battery capacity is shown on the product label; use that label when ordering service parts.

Dimensions and weights are nominal and may vary slightly by production batch.

04 Unpack and set up

1. **Open the frame**
   Place the chair on level ground. Hold the seat rails and press down until the folding frame is fully open and stable.

2. **Raise and lock the backrest**
   Lift both push handles until each backrest hinge clicks into its locked position. Pull gently to confirm both sides are secure.

3. **Install the footrests**
   Insert each footrest onto its front mounting post, swing it forward and confirm the latch is locked. Adjust height only with appropriate tools.

4. **Install the anti-tip wheels**
   Insert each anti-tip assembly into the rear frame until the retaining button fully engages. The small wheels face down and rearward.

5. **Fit the controller**
   Slide the controller arm into the mount on the chosen armrest. Set a comfortable reach, tighten the knob and route the cable away from wheels and joints.

6. **Check the battery connection**
   Confirm the external connector is fully seated. Do not open the battery enclosure or change internal wiring.





OK **Final inspection**

Check that the backrest, armrests, footrests, battery, controller and anti-tip wheels are secure. Make sure both motor levers are in DRIVE, tyres are undamaged, cables are clipped clear, and the joystick returns freely to centre.

05

Controls and first drive

PRACTISE AT LOW SPEED



POWER Switches the control system on or off.

JOYSTICK Push gently in the direction of travel. Release to centre to stop.

SPEED + / - Sets the maximum response. Begin with the lowest setting.

HORN Warns others when needed; it does not replace safe speed or observation.

BATTERY LEDs Approximate charge only. Plan to recharge before the low zone.

Before every ride

- Battery indicator shows enough charge for the route.
- Tyres and wheels are free of damage or obstruction.
- Footrests, armrests, backrest and anti-tip wheels are locked.
- Lap belt is correctly fastened and comfortably adjusted.
- Both motor levers are in DRIVE and the path is clear.
- The joystick returns to centre and braking feels normal.

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First-drive sequence

1. Sit fully back with feet supported. 2. Set the lowest speed. 3. Switch on without touching the joystick. 4. Move the joystick a few millimetres forward. 5. Release it to test stopping. 6. Practise straight lines, wide turns and reversing before entering shared spaces.

Safe operation





Driving

- Look ahead and approach people, doorways and obstacles slowly.
- Drive straight up or down gentle slopes. Do not travel sideways across a slope.
- Allow extra stopping distance on slopes or smooth surfaces.
- Avoid soft shoulders, drop-offs and gaps wider than the front wheels can cross safely.

Transfers

- Move to level ground, switch off and apply both parking brakes.
- Swing away the footrests. Never stand on a footplate.
- Flip up the armrest only after confirming the chair cannot roll.
- Use assistance or a transfer aid when required by the user's care plan.

Freewheel / manual push mode

Use only on firm, level ground with an attendant holding both push handles.

To push manually: switch off; move both motor levers to FREEWHEEL; keep control of the chair at all times.
Before powered driving: move both levers back to DRIVE; confirm engagement by trying to push gently; then switch on.
Never freewheel on a slope, while occupied without an attendant, or when transferring.

07

Folding and transport





Before folding

- Switch off and disconnect the charger.
- Remove loose belongings from the rear pocket.
- Swing away or remove the footrests.
- Secure the controller and cable from impact.

1

Fold the backrest

Pull both backrest release joints down and lower the push handles carefully.

2

Close the frame

Lift the centre of the seat upholstery while guiding both sides together. Use frame tubes, not the armrests or controller, as lifting points.

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Secure for transport

Prevent movement with suitable straps. Keep heavy items away from the joystick, battery and folding joints.

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Vehicle travel

The wheelchair is not designed to be occupied as a seat in a moving vehicle unless it carries a specific approved vehicle-restraint label and the vehicle uses the matching restraint system. Otherwise transfer the user to the vehicle seat, use the vehicle seat belt and stow the unoccupied wheelchair securely.

Charging and battery care

1. **Park safely**
   Move indoors to a dry, ventilated area away from heat, sparks and direct sun. Switch the wheelchair off.

2. **Inspect**
   Check that the approved charger, mains lead and charging socket are dry and undamaged.

3. **Connect**
   Connect the charger output to the chair's charging socket, then connect the charger to the wall outlet.

4. **Charge fully**
   Allow the charger to complete its automatic cycle. Indicator colours vary; follow the label on the supplied charger.

5. **Disconnect**
   Switch off or unplug the wall outlet first, then remove the charger plug from the wheelchair.



Battery care

- Recharge after each day of use and before the indicator reaches empty.
- For storage, recharge at least once each month.
- Do not leave the battery discharged, frozen or in a hot vehicle.
- Charge only between 10 C and 40 C.
- Battery range and capacity reduce naturally with age and cold weather.

! Do not charge if...

The enclosure is cracked, swollen, hot, leaking or smells unusual; the plug is loose or wet; the charger cable is damaged; or the charger does not complete normally. Isolate the product from use and contact Propick.

i Battery replacement

Use only a compatible sealed lead-acid battery pack and charger approved for this wheelchair. Battery disposal must follow local recycling requirements; never place a lead-acid battery in household rubbish.

Cleaning and maintenance

WHEN	CHECK / ACTION
Before each ride	Battery level; joystick return; brakes; tyres; cable routing; lap belt; footrests; anti-tip wheels.
Weekly	Wipe frame and upholstery; remove hair or debris from axles and castors; check fasteners by hand.
Monthly	Inspect tyre wear, wheel play, folding locks, armrest locks, motor levers and charger leads.
Every 6 months	Arrange a safety inspection if the chair is used frequently, outdoors, or by multiple attendants.
After impact or water exposure	Stop use and obtain a professional inspection before riding again.

Cleaning

- Switch off and disconnect the charger. Wipe with a soft, lightly damp cloth and mild detergent.
- Do not hose, immerse, steam-clean or spray cleaner into the controller, motors, battery or connectors.
- Dry completely before use or charging. Do not apply oil to brakes, tyres or electrical components.

Service

- Repairs to the controller, motors, brakes, battery, wiring and frame must be completed by a qualified technician.
- Use approved replacement parts. Unauthorised modification can create fire, braking, stability and electromagnetic-compatibility risks.

! **Tyres**

Keep tyres at the pressure moulded on the tyre sidewall. Never use a pressure value from an unrelated manual. Replace any tyre that is cracked, cut, bulging or badly worn.

10 Troubleshooting

SYMPTOM	SAFE CHECK	NEXT ACTION
No power	Chair switched on? Charger disconnected? Battery connector seated?	Recharge. If still off, stop use and contact Propick.
Controller flashes or beeps	Count the repeating lights/beeps. Check joystick is centred before power-on.	Restart once. Record the pattern if it returns; contact Propick.
Chair will not drive	Both motor levers in DRIVE? Battery above low? Charger disconnected?	Set both levers to DRIVE and restart. Do not force the chair.
Chair pulls to one side	Tyres equally inflated and free of damage? Wheels obstructed?	Stop use if the issue remains; request service.
Reduced range	Battery fully charged? Cold weather, slopes, load or soft ground?	Complete a full charge. Battery may require capacity testing.
Longer stopping distance	Surface wet or sloped? Tyres worn? Motor levers engaged?	Stop use immediately and request brake inspection.
Charger remains abnormal	Correct approved charger? Connections secure? Ventilation clear?	Disconnect safely and contact Propick. Do not open the charger.

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When contacting support

Have the purchase date, serial number, battery/charger label details, fault pattern and clear photos ready. Do not keep cycling the power when there is heat, smoke, odour, sparking or visible damage.

11 Technical and support

KEEP THIS PAGE

PROPICK

Support starts with Propick

Website **propick.co.nz**

Email **propicknz@gmail.com**

For current warranty terms, approved parts and service arrangements, refer to your sales documentation or contact Propick. Consumable wear, misuse, unauthorised modification and damage from water or impact may not be covered.

Electromagnetic compatibility

The wheelchair contains electronic controls and can both emit and receive electromagnetic energy. Keep portable radio transmitters and high-power communications equipment away from the controller and wiring. If movement or control behaviour changes near another electronic device, switch off, move away and contact support. Do not modify cables or electrical components.

Original manufacturer information

Manufacturer	Tianjin Ruimei Medical Equipment Co., Ltd.
Production address	No. 181 East Ring Road, Wangqingtuo Town, Wuqing District, Tianjin, China
Registration certificate	Jin Xie Zhu Zhun 20232190235
Production licence	Tianjin Medical Device Production Licence No. 20130388

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Responsible end-of-life disposal

This product contains electrical components and a sealed lead-acid battery. Do not place the battery or wheelchair in household rubbish. Contact Propick or an authorised local recycler for safe battery removal, recycling and disposal guidance.

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