



# EV FACT SHEET

## Zeekr X

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Zeekr X. Image: Zeekr

### INTRODUCTION

Zeekr was established in 2021 as the luxury BEV sub-brand of the giant Chinese vehicle conglomerate, Geely. (Geely covers a large stable of automotive brands - including Volvo, Polestar and Lotus as well as being joint owners of Smart).

The Zeekr X is classified in Australia as a 'medium SUV', although it is at the bottom end of that size category. It is built on Geely's SEA EV-only platform – as also are the Volvo EX30 and the Smart #1 and #3.

As the medium SUV segment is a crowded one, buyers are spoiled for choice with competitors ranging from the BYD Atto 3 to the Tesla Model Y, or even the X's platform stablemates the Smart #1, #3 and Volvo EX30. Mind-you, given Zeekr's positioning as a premium brand – it could potentially be cross-shopped with the likes of the BMW iX3 and Mercedes EQA.

### DRIVING RANGE

Currently, the official Australian ADR 81/02 test cycle is based on the outdated (and highly over-optimistic) European NEDC test cycle. However, few importers now give this figure for their new releases. Instead, they generally quote the more achievable ranges found using the newer European WLTP test cycle.

Therefore, to avoid disappointment always check which test cycle has been used when assessing an EV for your needs. As a rough guide, NEDC is generally 30% too high, WLTP a good estimate if doing mostly urban and outer suburban driving and US EPA the better guide if doing mostly outer suburban to regional driving.

**Important note: Ensure you check which standard has been used for Zeekr's quoted range figures: Zeekr currently use a mix of both standards in their advertising materials.**

### DRIVING RANGE (continued)

Variant	Testing system range estimates		
	ADR 81/02 (Aust)	WLTP (Euro)	EPA (USA)
Rear wheel drive	540 km	445 km	NA <sup>1</sup>
All wheel drive	470 km	425 km	NA <sup>1</sup>

Table 1: Driving range estimates for the Zeekr X variants

Using the WLTP range (with a roughly 10% discount for extended highway driving) a Zeekr X rear wheel drive should be capable of a return trip from the Melbourne GPO to Shepparton. This is assuming neither the heating nor air conditioning are heavily used.

If done as a day-trip, it would be useful to do either a ½ - 1 hour top-up charge at an AC charger or 5 to 10 min at a DCFC (DC fast-charger) at one of the expanding number of AC and DCFC sites along this route. For further charging options and availability, see: <https://www.plugshare.com/>

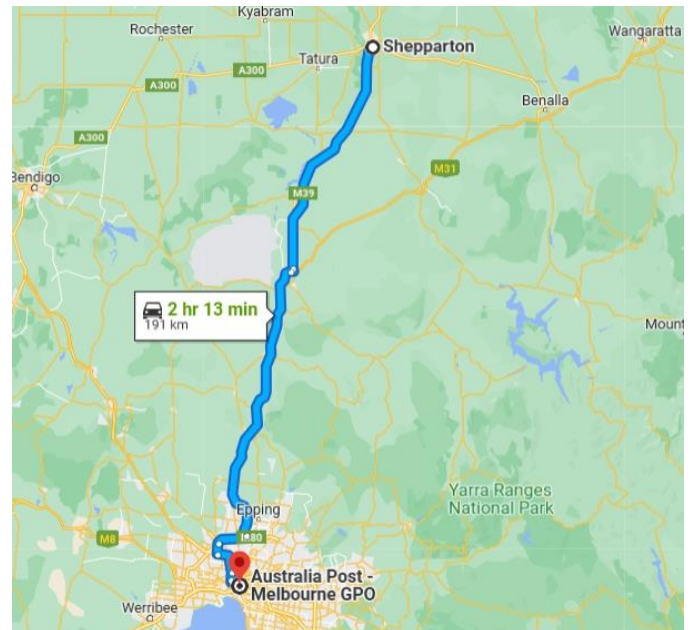


Image: Google maps

### CHARGING SPEEDS/REQUIREMENTS

#### Charging port:

The Zeekr X is fitted with a CCS2 socket allowing it to charge via Type 2 AC chargers<sup>2</sup> as well as CCS2 DC fast-chargers.

#### Notes:

1. Zeekr do not sell in the USA.
2. The Zeekr X can be charged at any AC EVSE, however an adaptor will be needed to use the (very few) remaining older EVSEs fitted with Type 1 (J1772) plugs. It will also charge at a maximum of 7.4 kW on a Type 1 plug EVSE.

## CHARGING SPEEDS/REQUIREMENTS (CONTINUED)

### AC charging:

Like all new EVs sold in Australia, the Zeekr X is fitted with a type 2 AC socket.

### Charging rates:

**Single phase:** maximum of 7.2 kW (32A)

**Three phase:** 11 kW (16A per phase) (AWD only)

Charging speeds vary on the capacity of the EVSE (Electric Vehicle Supply Equipment) the car is connected to. Approximate AC charging times for the Zeekr X are shown in table 2.

AC: 0 – 100% time				DC: 0 – 80% time	
10 A (power point)	15 A 1 phase (Caravan outlet)	32 A (1 ph. Home EVSE)	16 or 32 A (3 phase public AC EVSE)	DC Fast charge (50kW)	DC Fast charge (150+kW)
2WD: 34.5h	23h	11.5h	16A: 23h 32A: 11.5h	100m	35m
AWD: 34.5h	23h	11.5h	16A: 7.5h 32A: 7.5h	100m	35m

Table 2: Approx. charging times for the Zeekr X

### DC fast charging

Like all new BEVs on the Australian market (except the ageing Nissan Leaf), the Zeekr X uses the CCS2 DC fast-charge connector and can charge at up to 150 kW DC.

### V2X capability:

The Zeekr X offers V2L functionality up to 3600W.

#### Notes:

V2X is the generic term covering the options of getting 230V AC power from the battery and supplying it as:

- V2L: vehicle to load (230V power available from outlet in car)
- V2H: vehicle to home (supply home via special connection)
- V2G: vehicle to grid (supply home or grid via spec. connection)

## HOME CHARGING CONSIDERATIONS

### General

To get the shortest home charging time for a Zeekr X, a 7.2 kW (single phase) charger would be needed for the 2WD and an 11 kW (3 phase) for the AWD.

However, depending on your existing power supply and/or charging needs, it may only be practicable to fit a lower rated EVSE. (See notes below). Lower capacity EVSEs will increase charging times, as shown in table 2.

### Important notes for any home EVSE installation:

1. High charging rates are generally not needed for overnight charging.
2. Homes do not normally have three phase AC connected.
3. Switchboard and/or electrical supply upgrades may be needed if your home is more than 20 years old. For more information on this item – see Fact Sheets at [EVchoice.com.au](http://EVchoice.com.au) or read articles in:
  - (a) Renew magazine edition 143. (EVSE wiring)
  - (b) Renew magazine edition 156. (EVSE buyer's guide)

## SPECIFICATIONS

### Seating: 5

### Boot volumes in litres: (1 litre = 10 x 10 x 10 cm)

- Boot - seats up: 362 L
- Boot - seat folded/to roof: 1182 L
- Froot (front boot): NA

### Dimensions:

- Overall length: 4,432 mm
- Overall height: 1,566 mm
- Ground clearance: 190 mm
- Overall width (edge of doors): 1,836 mm
- Overall width (edge of mirrors): 2,025 mm

### Battery:

- 69 kWh (66 kWh usable)

### Energy consumption: (WLTP test cycle)

- 2WD: 16.4 kWh/100km
- AWD: 18.3 kWh/100km

### Kerb weight:

- 2WD: 1,855 kg
- AWD: 1,960 kg

### Charging:

- 1 phase AC: 7.4 kW max.
- 3 phase AC: 11 kW max.
- DC: 150 kW.

### Charge port location:

- LHS, rear (just behind rear passenger door)

### Drive configuration:

- 2WD: rear
- AWD

### Towing:

- 750kg/1,600 kg (unbraked/braked)

### Performance:

Variant	Max. Power (kW)	0 to 100km/h (Sec)
Rear wheel drive	200	5.6
All wheel drive	315	3.8

### Spare tyre: No

## IMPORTANT NOTE

Always check all specifications with the manufacturer prior to any purchase. No responsibility accepted by AEVA or Bryce Gatton (EVChoice) for errors factual or due to reproduction in this Fact Sheet. Whilst all efforts are made to ensure the accuracy of the material in this Fact Sheet, manufacturers regularly make changes (often unannounced) to their model ranges and specifications.