



EV FACT SHEET

Zeekr 7X

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Zeekr 7X. 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 7X is classified in Australia as a 'medium SUV'. It is built on Geely's SEA EV-only platform – as are the Volvo EX30 and the Smart #5.

As the medium SUV segment is a crowded one, buyers are spoiled for choice with competitors ranging from the Kia EV5 and Hyundai Ioniq 5 to the Tesla Model Y, or even the X's platform stablemates the Smart #5 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 iX or iX2 and Mercedes EQB.

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Currently, the official Australian ADR 81/02 test cycle is based on the outdated (and highly over-optimistic) European NEDC test cycle.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 some of their advertising materials.

DRIVING RANGE (continued)

Variant	Testing system range estimates		
	ADR 81/02 (Aust)	WLTP (Euro)	EPA (USA)
Rear wheel drive	Not rated	480 km	NA ¹
Long range RWD	Not rated	615 km	NA ¹
Performance AWD	Not rated	543 km	NA ¹

Table 1: Driving range estimates for the Zeekr 7X variants

Using the WLTP range (with a roughly 10% discount for extended highway driving) a Zeekr 7X rear wheel drive should be capable of a return trip from the Melbourne GPO to Warnambool (west of Melbourne on the Victorian south coast). 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/>

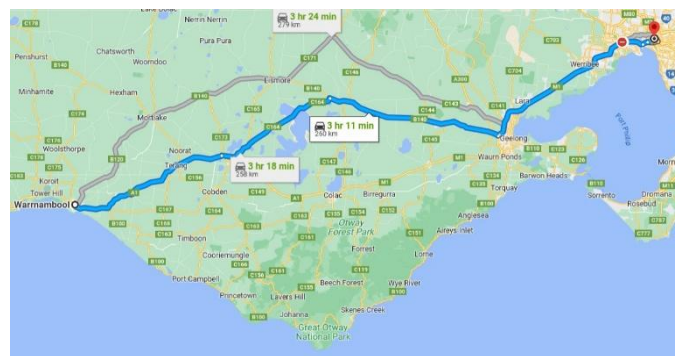


Image: Google maps

CHARGING SPEEDS/REQUIREMENTS

Charging port:

The Zeekr 7X is fitted with a CCS2 socket allowing it to charge via Type 2 AC chargers² as well as CCS2 DC fast-chargers.



CCS2 charging plug and socket

Notes:

1. Zeekr do not sell in the USA.
2. The Zeekr 7X 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 7X is fitted with a type 2 AC socket.

Charging rates:

Single phase: maximum of 7.2 kW (32A)

Three phase: 22 kW (32A per phase)

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 7X 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 (450+kW)
75kWh: 34h	21h	10.5h	16A: 7h 32A: 3.5h	95m	15m
100kWh: 45.5h	28h	14h	16A: 9.3h 32A: 4.6h	140m	22m

Table 2: Approx. charging times for the Zeekr 7X

DC fast charging

Like all new BEVs on the Australian market (except the ageing Nissan Leaf), the Zeekr 7X uses the CCS2 DC fast-charge connector and can charge at up to 450 kW DC for the 75kWh battery and 420kW for the 100kWh battery.

V2X capability:

The Zeekr 7X offers V2L functionality up to 3300 W.

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 7X, a 22 kW (3 phase) would be needed.

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](https://www.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: 539 L
- Boot - seat folded/to roof: 1978 L
- Froot (front boot): 62 L (RWD version)

Dimensions:

- Overall length: 4,787 mm
- Overall height: 1,650 mm
- Ground clearance: 172 mm
- Overall width (edge of doors): 1,930 mm
- Overall width (edge of mirrors): Not provided

Battery:

- 75 kWh (71 kWh usable)
- 100 kWh (94 kWh usable)

Energy consumption: (WLTP test cycle)

- 2WD, 75kWh: 17.8 kWh/100km
- 2WD, 100kWh: 17.7 kWh/100km
- AWD: 19.9 kWh/100km

Kerb weight:

- 2WD 75kWh battery: 2,320 kg
- 2WD 100kWh battery: 2,340 kg
- AWD 100kWh battery: 2,460 kg

Charging:

- 1 phase AC: 7.4 kW max.
- 3 phase AC: 22 kW max.
- DC:
 - 450 kW (75 kWh battery)
 - 420 kW (100kW battery)

Charge port location:

- LHS, rear (above rear wheel)

Drive configuration:

- 2WD: rear
- AWD

Towing:

- 750kg/2,000 kg (unbraked/braked)

Performance:

Version	Max. power/torque (kW/Nm)	0 to 100km/h (Sec)
RWD	310/440	6.0
LR RWD	310/440	6.0
Perf. AWD	475/710	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.