

EV FACT SHEET

Renault Zoe



Image: Renault Australia

INTRODUCTION

The Renault Zoe is a 4 door, 5 seat hatchback in the Australian 'small' car category.

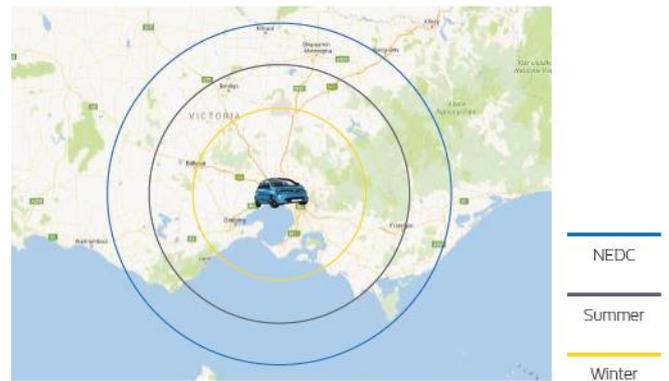
Available in Europe since 2013, the larger (41 kWh) battery version became available in Australia in late 2017.

It has been the best-selling EV in Europe since 2015 and was voted the **'WhatCar? best electric car'** of the year for 2017.

The Australian Zoe comes in two trim levels (Life and Intens) and prices start from \$46,000 plus ORCs. The currently quoted Victorian price (as of March 2018) for an Intens version is \$51,999 drive-away.

DRIVING RANGE

The Zoe has a quoted NEDC range of 400 km, but the real-world driving range is in the vicinity of 300 km in summer and 200 km in winter.



Zoe Melbourne GPO return trip range

Image: Renault Australia

CHARGING PORT AND OPTIONS

Charging port

The Zoe is fitted with a Mennekes type 2 socket. It can charge on either single or three phase AC EVSEs (Electric Vehicle Supply Equipment).



Image: EV highway.net.au

AC charging:

Note: Charging speeds vary depending on the capacity of the EVSE it is connected to, as shown below:

EVSE type:				
15 A socket	16 A 1 phase (3.6 kW)	32 A 1 phase (7.2 kW)	32 A 3 phase (22 kW)	Fast charge DC
20hrs	14–16hrs	7–8hrs	2h 40 min	N/A

DC fast charging

The Renault Zoe does not currently have a DC fast-charge option, however with three phase AC charging it can achieve respectably quick recharging times.

HOME CHARGING CONSIDERATIONS

General

To take good advantage of the Zoe's inbuilt 'chameleon' charger, it would be best to install a 32A (7kW) capable mode 2 EVSE. Note that the EVSE will need to have a type 2 (Mennekes) plug (tethered lead type) or socket (BYO lead type).

If you have three phase supply available (and your switchboard and incoming supply can support it) you can gain significantly faster charging speeds by installing a three phase EVSE. (See charging speed table for details). The Zoe will charge on a 16A EVSE, but it will be slower.

15A power point charging note:

The Zoe can be trickle charged using a 15A power point, but you will need to buy an aftermarket portable EVSE as Renault do not provide one with the Zoe.

Important note for any EVSE installation:

Switchboard and or electrical supply upgrades may be needed if your home is more than 20 years old. (See fact-sheet on 'Making your home EV ready', or read articles in:

- (a) EV News, (AEVA newsletter) issue 231, or
- (b) ReNew, (ATA magazine) edition 143.

SPECIFICATIONS

Versions

In Australia, the Zoe is offered in two versions – Life and Intens.

Specifications:

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

- Boot under parcel shelf: 338
- Rear seat folded, loading space to roof: 1,225

Dimensions:

- Overall length 4,084 mm
- Overall width (edge of doors): 1,730 mm
- Overall width (edge of mirrors): 1,945 mm
- Max. boot access width 941 mm
- Lower boot access width 899 mm
- Interior width between wheel arches 1,037 mm
- Boot opening height 685 mm
- Max. loading length with rear bench seat folded down: 1,426 mm
- Height under parcel shelf: 622 mm
- Loading length behind bench seat 580 mm

Battery:

- 41 kWh, Lithium-ion

Energy consumption: (NEDC test cycle)

- 133 Wh/km

Kerb weight:

- 1,480 kg

Peak power kW EEC (h.p.)/at peak power rating (rpm):

- 68(92)/3,000 to 11,300

Peak torque Nm EEC (Nm)/at peak power rating (rpm):

- 220/250 at 2,500

WHERE TO BUY

As of August 2018, there are four Renault dealers in Australia that stock the Renault EV range.

Victoria:

Barry Bourke Renault:
755 Princes Hwy
Berwick
Victoria 3806
Ph: (03) 9707 2222
www.barrybourkerenault.com.au

NSW:

Sydney City Renault
93 O'Riordan Street, Alexandria
NSW 2015
Ph: (02) 9398 7666
www.sydneycityrenault.com.au

WA:

Melville Renault
164 Leach Highway
Melville
WA 6156
Ph: (08) 6555 7529
www.melvillerenault.com.au

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