



## Nissan Leaf 40 kWh (2017-2022) (USA)

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### General Info

Years of Production	2017 - 2022
Available in the USA	Yes
Country of Manufacture	USA, Japan, UK
Current Status	Discontinued
Body Style	Hatchback
Price USA (New/Used)	\$No data/9997

### Charging

Architecture	400 V
Max AC Charging	6.6 kW
Max DC Charging	50 kW
Charge Port	CHAdeMO, Type 1 (J1772)

### Dimensions

Length	176.4 in
Width (with Mirrors/no Mirrors)	79.9/70.5 in
Height	61.4 in
Wheelbase	106.3 in

### Range and Efficiency

Range EPA	149 mi
Range WLTP	168 mi
Range GCC	149 mi
Battery (Usable/Nominal)	39/40 kWh
Efficiency (Energy/Range)	26.2 kWh/100 mi
Efficiency (Range/Energy)	3.82 mi/kWh

### Performance

Drive Type	FWD 1 motor: PMSM
Motor (Power/Torque)	110 kW (148 hp)/236 lb-ft
Acceleration 0-60 mph	7.7 s
Top Speed	90 mph

### Cargo and Towing

Number of Seats	5
Curb Weight	3433 lb
Cargo Volume (Trunk/Max/Frunk)	23.6/30/No data ft3
Towing Capacity	No data

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## About Nissan Leaf 40 kWh (2017-2022)

The Nissan Leaf 40 kWh (2017-2022) is an all-electric front-wheel drive hatchback. It came out in 2017 replacing the older Nissan Leaf 24 kWh (2013-2018). Nissan stopped making the 40 kWh in 2022 and replaced it with the Nissan Leaf 40 kWh (2022-...). You can still find Nissan Leaf 40 kWh (2017-2022) on the used car market, with prices starting around \$9,997.

The Nissan Leaf 40 kWh (2017-2022) has a 40 kWh battery pack, allowing it to travel up to 149 mi on a single charge — ranked №736 out of 843 electric vehicles.

### How powerful is it? How fast does it accelerate?

The Nissan Leaf 40 kWh (2017-2022) achieves a 0 to 60 mph acceleration in 7.7 seconds (placing it at №60 out of 118 ranked positions, among 843 electric vehicles, with some cars sharing positions) and attains a maximum speed of 90 mph.

Its powertrain provides a power output of up to 110 kW (148 hp) and a torque of 236 lb-ft.

### How far can it go on single charge? What is the real-world range?

Nissan Leaf 40 kWh (2017-2022) achieves a real-world range of 149 miles, placing it at №204 among 253 ranked positions. However, this range is subject to several influences:

- Speed: Traveling at higher speeds reduces battery life.
- Temperature: Extreme cold or hot weather can affect range.
- Terrain: Hilly or mountainous landscapes decrease range.
- Driving habits: Aggressive driving with frequent acceleration and braking consumes more energy.
- Feature usage: Climate control and media systems also influence range.

It's important to acknowledge that these are estimations, and your actual driving range may differ. Consider these factors when planning your trip and be ready for potential charging stops.

Utilize the [interactive EV Navigation map](#) for trip planning assistance.

### What charging options are available? How long does it take to charge it?

The Nissan Leaf 40 kWh (2017-2022) in the USA comes with a CHAdeMO charging port. It can be charged at home using a standard domestic socket or at any public AC charging station with the compatible cable. It's important to note that the car's on-board charger (inverter) limits the maximum AC charging rate to 6.6 kW, resulting in approximately 23 miles of range added per hour of charging.

For significantly faster charging, public DC fast-charging stations are available. Although the car can achieve a maximum DC charging rate of 50 kW, factors such as battery temperature and charge level may

affect the actual charging speed.

Use [EV Charging Calculator](#) to estimate charging time, rate, and cost.

## How big is it? What are the dimensions (length, width, height)?

The size and weight specifications for Nissan Leaf 40 kWh (2017-2022) are as follows:

- Length: 176.4 in
- Width: 79.9 in (including side mirrors) or 70.5 in (excluding side mirrors)
- Height: 61.4 in
- Wheelbase: 106.3 in (distance between the center of the front and rear wheels)
- Curb weight: 3433 lbs (weight of the empty car, no people or cargo)

## How much cargo space does it offer? Does it have a front trunk?

The rear cargo area of the Nissan Leaf 40 kWh (2017-2022) provides 23.6 cubic feet of space when the rear seats are upright ([Nº43 out of 154 ranked positions](#), among 843 electric vehicles, with some cars sharing positions).

Folding these seats down unlocks a maximum cargo capacity of 30 cubic feet ([Nº167 out of 178 ranked positions](#), among 843 electric vehicles, with some cars sharing positions).

The car doesn't have a "frunk" (front trunk).

## Is it suitable for towing? What is the maximum towing capacity?

The car isn't officially rated for towing.

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