

72%-79% Capacity

Nissan LEAF Range Chart for 24kWh Battery

10 of 12 Capacity Bars

Level Road, No Heating or Air Conditioning, Battery Temp 70F/20C, Windows Closed



English Measure

35	40	45	50	55	60	65	70	75	Speed MPH
exactly	exactly	exactly	exactly	exactly	exactly	exactly	exactly	exactly	
- or -	- or -	- or -	- or -	- or -	- or -	- or -	- or -	- or -	
6.3	5.9	5.2	4.6	4.3	3.9	3.6	3.3	3.0	Miles/kWh
5.56	6.78	8.65	10.87	12.79	15.38	18.06	21.21	25.00	kWh

Battery Gids	Fuel Bar	0.159	0.169	0.192	0.217	0.233	0.256	0.278	0.303	0.333	kWh/mile
211	75.0%	99	91	83	73	67	62	56	51	47	12
193	68.6%	94	86	79	69	64	59	53	49	44	11
177	63.0%	87	79	73	64	59	54	49	45	41	10
164	58.5%	80	73	67	59	54	50	45	41	38	9
149	53.1%	74	66	61	53	49	45	41	38	34	8
140	49.6%	67	60	55	48	44	41	37	34	31	7
122	43.5%	60	53	49	43	39	36	32	30	27	6
107	38.2%	53	47	43	38	35	32	29	26	24	5
92	32.6%	47	41	37	32	29	27	24	23	20	4
77	27.2%	40	35	31	27	25	23	20	19	17	3
66	23.5%	33	28	25	22	20	18	16	15	14	2
55	19.5%	24	20	17	14	13	11	10	9	8	*1*
49	17.4%	24	20	17	14	13	12	11	10	9	Low Battery
25	8.9%	8	7	6	5	5	4	4	3	3	Very Low
4	1.4%										

Turtle **Get Safely Off Road Now! Less than One Half Mile at 25 mph Max** **Turtle**

mph	35	40	45	50	55	60	65	70	75
Miles/kWh	6.3	5.9	5.2	4.6	4.3	3.9	3.6	3.3	3.0

*** Fuel Bar 1 will remain illuminated with Low Battery Warning; switch to Low Battery range data ***

Range below Fuel Bar 1 can be significantly reduced with any battery cell imbalances

This chart's range data is not associated with the LEAF's dash or center console range data, or CarWings data
Data based on 15.75kWh usable battery capacity factor. MAXIMUM RANGE at 12mph exactly (not average speed)

Add **One mile** of range @ 60mph (or 3.9m/kWh) for every **12 minute** charge at **120 volt** charge w/3.3kW charger

Add **One mile** of range @ 60mph (or 3.9m/kWh) for every **5 minutes** of charge at **240 volt/16amp** w/3.3kW charger

For Urban Stop-Go driving, select data from column that matches estimated miles/kWh column, NOT speed

1. Elevation: Subtract 1.5 Fuel Bars (1.5kWh) for every 1000 ft
Add three quarters or one Fuel Bar (0.75kWh- 1kWh) for every 1000 ft decrease
2. Wind: Select Speed based on Headwind; 60mph with 10mph headwind equals 70mph data
3. Temperature: Add 1% to range for each 8F/4C above 70F/20C
Subtract 1% from range for each 4F/2C below 70F/20C
4. Battery Degradation: 10 of 12 capacity segments illuminated is 72.5%-78.75% (75% data)
5. Climate Control: Subtract one Fuel Bar per each hour at 1kW of heat/cool
6. Density Altitude: Increase range 1.5% per 1000 ft/300m for air density above sea level
7. Heavy cars and cars driving through standing water, snow or slush use more energy

DISCLAIMER:

YOUR RANGE MAY VARY
USE AT YOUR OWN RISK

English
Ver 7G75

72%-79% Capacity

10 of 12 Capacity Bars

Nissan LEAF Range Chart for 24kWh Battery

Metric



56	64	72	81	89	97	105	113	121	Speed
exactly	exactly	exactly	exactly	exactly	exactly	exactly	exactly	exactly	KMH
- or -	- or -	- or -	- or -	- or -	- or -	- or -	- or -	- or -	km/kWh
10.1	9.5	8.4	7.4	6.9	6.3	5.8	5.3	4.8	kWh/km
0.132	0.144	0.157	0.179	0.195	0.212	0.232	0.256	0.281	

Battery Gids	FUEL BAR	5.56 kW	6.78 kW	8.65 kW	10.87 kW	12.79 kW	15.38 kW	18.06 kW	21.21 kW	25.00 kW	FUEL BAR
211	75.0%	159	146	134	117	107	99	91	82	75	12
193	68.6%	151	138	127	111	103	94	86	78	71	11
177	63.0%	140	127	117	103	94	87	78	72	65	10
164	58.5%	129	117	107	94	87	80	72	66	60	9
149	53.1%	118	106	98	86	78	72	65	60	54	8
136	66.2%	107	97	88	77	71	65	59	54	50	7
140	49.6%	97	86	78	69	63	58	52	48	43	6
122	43.5%	86	76	69	60	56	51	46	42	39	5
107	38.2%	75	65	59	52	47	43	39	36	33	4
92	32.6%	64	56	50	43	40	36	33	30	28	3
77	27.2%	53	45	40	35	31	29	25	24	22	2
66	23.5%	39	33	28	23	21	18	16	14	13	*1*
49	17.4%	39	32	27	23	21	19	18	16	14	Low Battery
25	8.9%	13	11	10	8	8	6	6	5	5	Very Low
4	1.4%										

Turtle

Get Safely Off Road Now! Less than One Kilometer at 40 kmh Max

Turtle

kmh	56	64	72	81	89	97	105	113	121	kmh
km/kWh	10.1	9.5	8.4	7.4	6.9	6.3	5.8	5.3	4.8	km/kWh

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Ver 7G75

1. Elevation: Subtract 1.5 Fuel Bars (1.5kWh) for every 300m increase

Add three quarters or one Fuel Bar (0.75kWh- 1kWh) for every 300m decrease

2. Wind: Select Speed based on Headwind; 100km with 20km headwind equals 120km data

3. Temperature: Add 1% to range for each 4C above 20C

Subtract 1% from range for each 2C below 20C

4. Battery Degradation: 10 of 12 capacity segments illuminated is 72.5%-78.75% (75% data)

5. Climate Control: Subtract one Fuel Bar per each hour at 1kW of heat/cool

6. Density Altitude: Increase range 1.5% per 300m for air density above sea level

7. Heavy cars and cars driving through standing water, snow or slush use more energy