

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

Speed MPH	35 exactly	40 exactly	45 exactly	50 exactly	55 exactly	60 exactly	65 exactly	70 exactly	75 exactly	Miles/kWh
	- or -									
	6.3	5.9	5.2	4.6	4.3	3.9	3.6	3.3	3.0	
	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
214	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%	8	7	6	5	5	4	4	3	3	Very Low

**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

- 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
- Wind: Select Speed based on Headwind; 60mph with 10mph headwind equals 70mph data
- Temperature: Add 1% to range for each 8F/4C above 70F/20C  
Subtract 1% from range for each 4F/2C below 70F/20C
- Battery Degradation: 10 of 12 capacity segments illuminated is 72.5%-78.75% (75% data)
- Climate Control: Subtract one Fuel Bar per each hour at 1kW of heat/cool
- Density Altitude: Increase range 1.5% per 1000 ft/300m for air density above sea level
- 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

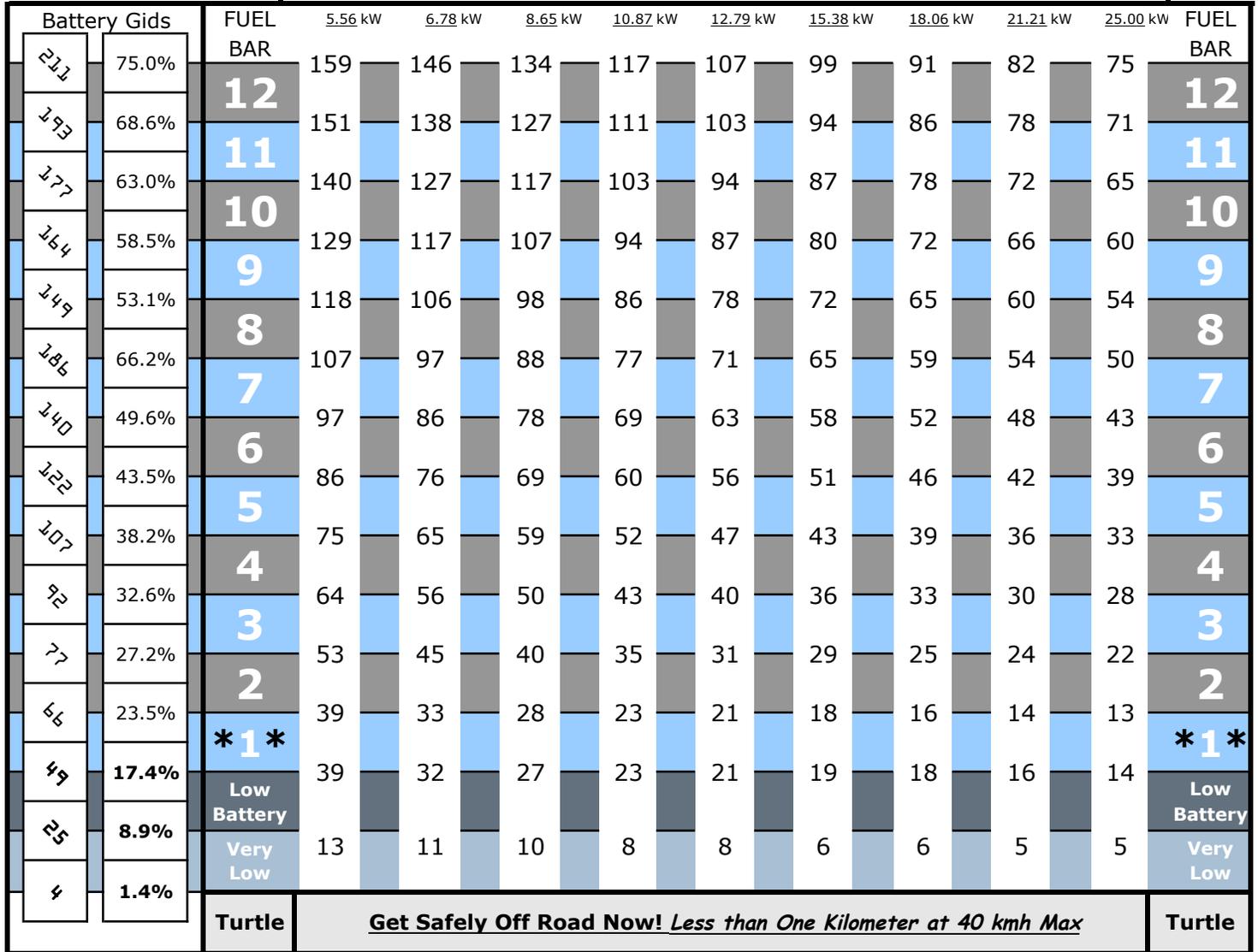
Metric

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



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



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

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

**\* 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

- 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
- Wind: Select Speed based on Headwind; 100km with 20km headwind equals 120km data
- Temperature: Add 1% to range for each 4C above 20C  
Subtract 1% from range for each 2C below 20C
- Battery Degradation: 10 of 12 capacity segments illuminated is 72.5%-78.75% (75% data)
- Climate Control: Subtract one Fuel Bar per each hour at 1kW of heat/cool
- Density Altitude: Increase range 1.5% per 300m for air density above sea level
- Heavy cars and cars driving through standing water, snow or slush use more energy

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