



LYNK & CO



2022

# Lynk & Co 01

192 kW plug-in hybrid FWD automatic



6.8   
/10

Clean Air  
Index

6.0   
/10

Energy Efficiency  
Index

5.6   
/10

Greenhouse Gas  
Index

6.8  
/10



## Clean Air Tests



### Laboratory Test

	NMHC	NO <sub>x</sub>	NH <sub>3</sub>	CO	PN
<b>7.5/10</b> Cold Test	●	●	●	●	●
<b>8.4/10</b> Warm Test	●	●	●	●	●
<b>7.1/10</b> Highway	●	●	●	●	●
<b>5.3/10</b> Cold Ambient Test	●	●	●	●	●



### Road Test

<b>7.0/10</b> On-Road Drive	●	●	●	●	●
<b>3.9/5</b> On-Road Short Trip	●	●	●	●	●
<b>4.0/8</b> On-Road Heavy Load	●	●	●	●	●
<b>2.1/5</b> On-Road Light Load	●	●	●	●	●
<b>2.0/2</b> Congestion	●	●	●	●	●



n.a.



good



adequate



marginal



weak



poor

### Comments

The Lynk & Co 01 PHEV demonstrates efficient aftertreatment of the combustion engine exhaust gases. As the possible 'extreme' operation modes are considered, the Clean Air Index benefits from the vehicle's ability to drive long distances in purely electric mode. Low NO<sub>x</sub> emissions are typical of petrol engines. Good control of ammonia (NH<sub>3</sub>) helps the vehicle collect additional points. CO emissions are generally well managed, but are higher in full load acceleration phases. Thanks to the particulate filter, the particle emissions levels are moderate, although there remains room for improvement.

# Energy Efficiency Tests



## Laboratory Test

## Energy

**6.8/10** Cold Test



**4.7/10** Warm Test



**1.4/10** Highway



**0.6/10** Cold Ambient Test



### Consumption

### Driving Range

	Petrol	Electric		Petrol	Electric	
<b>Average</b>	<b>3.7 l</b>	<b>13.2 kWh</b>	/100 km	<b>567</b>	<b>66</b>	km
<b>Worst-case</b>	<b>9.9 l</b>	<b>n.a.</b>	/100 km	<b>423</b>	<b>n.a.</b>	km

Consumption in WLTC+ Battery Depleting Cycle: 0.3 l/100 km fuel + 24.8 kWh/100 km electricity



n.a.



good



adequate



marginal



weak
















poor

### Comments

This heavy SUV comes with a large electric driving range of 66.4 km, but in the case of an empty battery, it will consume 7.6 l/100 km petrol on average. On the highway, that figure will rise to 9.2 l/100 km. If regularly charged, Lynk & Co's PHEV delivers creditable efficiency performance and combines both its power sources to score 6 out of 10 points. In this case the rating assumes 53% usage with a charged battery and 47% as a conventional hybrid vehicle, a ratio which is based on the available range in all-electric mode.

# 5.6 Greenhouse Gases Tests

/10

 <u>Greenhouse gases</u>	CO <sub>2</sub>	N <sub>2</sub> O	CH <sub>4</sub>
<b>6.2/10</b> Cold Test			
<b>3.0/10</b> Warm Test			
<b>0.0/10</b> Highway			
<b>0.0/10</b> Cold Ambient Test			



n.a.



good



adequate



marginal



weak



poor

## Comments

The Lynk & Co's relatively big battery allows it to complete most everyday trips primarily as an electric vehicle and thus is very effective in reducing greenhouse gas emissions. If the battery is empty, however, the greenhouse gas figures are those of a normal large petrol SUV. In the cold laboratory WLTC+ test, 155 g CO<sub>2</sub>/km were emitted at the tailpipe and adding some 40 g CO<sub>2</sub>-eq./km from the fuel production and supply, the value increases to 195 g CO<sub>2</sub>-eq./km. With a total of 280 g CO<sub>2</sub>-eq./km each, the cold ambient test and the highway test score no points when tested with an empty battery.

## Our Verdict

The tested Lynk & Co 01 is a 5-door compact crossover SUV with a plug-in hybrid powertrain with a 17.6 kWh battery. In Green NCAP's assessment, the vehicle receives an overall rating of 3.5 stars thanks to its good pollutant emissions control and its well-balanced electric range. However, its weight causes high consumption when the vehicle is working with the battery fully discharged. The car tested in Green NCAP was able to complete 66 km in pure electric mode, without switching on the combustion engine, over the special WLTC+ charge-depleting cycle. To obtain the best of this technology, the battery should be recharged as much as possible to benefit from the vehicle's electric properties, while range anxiety is eliminated by the combustion engine.

## Disclaimer [↗](#)

## Specifications

Publication Date 07 2022	Tested Car L6TCX2E7XME00xxxx	Tyres 235/45R20 100V	Emissions Class Euro 6d AP
Mass 1,879 kg	Engine Size 1,477 cc	System Power/Torque 192 kW/429 Nm	Declared CO <sub>2</sub> 27 g/km
Declared Battery Capacity 17.6 kWh	Declared Driving Range Overall Electric (WLTP) 69 km City 81 km	Declared Consumption 1.2 l/100 km 20.1 kWh/100 km	



Think before you print