



Lightyear 0

Specs, features and impressions



Lightyear 0



Drive for months without charging

Lightyear 0 reinvents the wheel when it comes to energy consumption, range capability and charging.

It's built like no other electric car, charging on-the-go and gaining up to 70 kilometres of range per day from the sun alone. Our holistic design helps to get the most from every last joule of energy.

Big, bright range capability

With Lightyear 0, the sun is your source. Picture this: you return to your car after two hours. Tapping on your intuitive infotainment system, you see that the sun boosted your range by 20 km while you were away. Nice. Depending on the climate, you could yield between 6,000 to 11,000 kilometres of free, effortless, and clean range every year.

Take charge

Lightyear 0 is much less dependent on sockets and cables. But when you do plug charge, you can expect an easy ride. Any outlet in the world becomes a charging station. Plugged into a regular home socket, the one you use to power your toaster, you can still charge over 300 km of range overnight.

Drive beyond boundaries

No more planning routes around charging ports; Lightyear 0 is energised by adventure, just like you. 640L of trunk space with the seats up, and a ground clearance of 183mm makes it ideal for exploring unknown terrain and heading for off-the-beaten-track destinations.





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Key specifications

Range

1,000+ km driving range between two charging moments¹
Battery range: 625 km (WLTP)² excl. 70km max. solar range per day
Highway range: 560 km at 110 km/h (without additional solar range)

Solar charging

Solar yield up to 11,000 km/year³
Drive up to 7 months without plug-charging⁴
Maximum range in 1 hour charging
Solar charging (1.05 kW) ————— 10 km/h

Plug charging

Maximum range in 1 hour charging⁵
Home charging (household plug) — 32 km/h
Public charging ————— 200 km/h
Fast charging ————— 520 km/h

Performance

Drive train ————— All Wheel Drive
4 independently controlled motors
Battery ————— 60 kWh
Energy Use ————— 10.5 kWh/100 km (WLTP)²
Acceleration ————— 0 - 100 km/h in 10 seconds
Top speed ————— 160 km/h
Peak torque ————— up to 1,720 Nm
Peak power ————— ~130 kW (~170 bhp)
CO₂ emissions from driving — 0 g/km
Cd-value ————— <0.19

Body

Dimensions (L x W x H) ————— 5083 x 1972 x 1445 mm
Weight ————— 1,575 kg
Ground Clearance ————— 183 mm
Luggage space boot ————— 640 L (seats up)
Luggage space ————— Center console: 12 L

¹ Driving range will vary depending on driving habits, location and season. 1,000 km range based on 50 km daily commute in Amsterdam during summer.
² Pending final verification tests.
³ Solar yield will vary depending on location. Estimate based on Southern Spain.
⁴ Charging moments will vary depending on driving habits, location and season. Estimate based on 35 km daily commute in Southern Spain during spring & summer.
⁵ Peak charging power may vary throughout the charging cycle.

Standard features

Exterior

Features
19" Wheels
5 Doors

Sustainability
5m² double curved solar arrays
Reclaimed carbon fiber body panels

Interior

Features
Seating 5 adults
Heated front seats
Climate control
Central armrest front passengers
Cup holders: 2 front and 2 rear
USB-C connections: 2 front (60W & 45W) and 2 rear (60W & 45W)
Isofix attachment points: 2 rear

Sustainability
Vegan interior with naturally sourced materials
Ecological microfiber suede seats
Rattan palm wood detailing
Thermal insulated particle foam

Infotainment
10.1" Display with touchscreen
Over the air software updates
Android automotive OS
Flexible charging settings
Lightyear connect app (Android & iOS)
Unlock via smartphone & key fob
Built-in navigation system
DAB and FM radio
Bluetooth streaming

Driver assist systems
Side view camera systems (5")
Cruise control
Speed limiter
Speed limit indication
Tire monitoring technology
Rain sensor
Parking sensors
Rear parking camera
Continuous rearview camera system (7")
Regenerative braking
Electronic handbrake

Safety & warranty
8 Years of bumper-to-bumper warranty
Alarm system



Body colours

Base colour

Lightyear 0



Zenith
Gloss Metallic Silver
01

Lightyear 0 comes standard in Zenith Gloss Metallic Silver. Optionally, you can choose from a carefully curated selection of colours and finishes in wrapping.

Optional finish



Mist
Gloss Metallic Silver
02



Sand
Matt Metallic Grey
03



Soil
Gloss Metallic Brown
04



Clay
Matt Metallic Copper
05



Dew
Gloss Solid White
06



Stone
Gloss Solid Grey
07



Dawn
Satin Solid Grey
08



Dusk
Gloss Metallic Blue
09



Aurora
Satin Metallic Blue
10

Code	Name	Colour family	Type				
			Solid	Metallic	Matt	Satin	Gloss
01	Zenith	Silver		x			x
02	Mist	Silver		x			x
03	Sand	Grey		x	x		
04	Soil	Brown		x			x
05	Clay	Copper		x	x		
06	Dew	White	x				x
07	Stone	Grey	x				x
08	Dawn	Grey	x			x	
09	Dusk	Blue		x			x
10	Aurora	Blue		x		x	



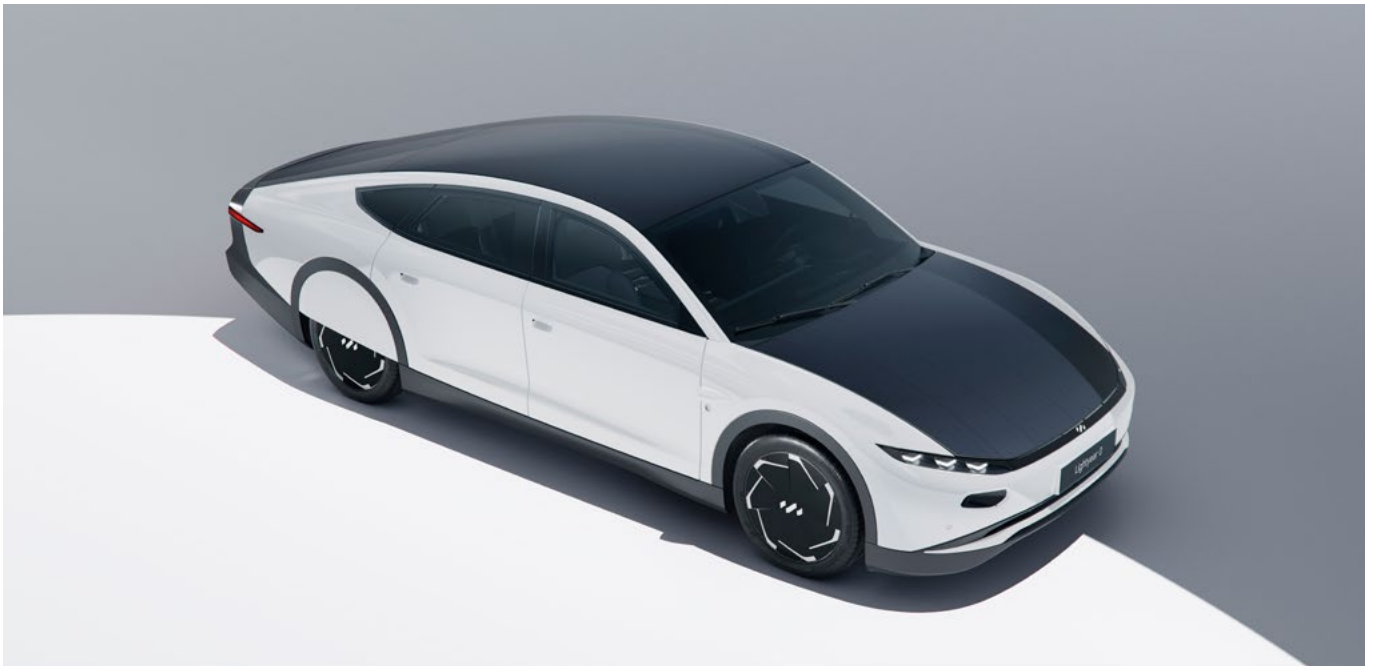
Impressions

Purposefully designed exterior

Designed with radical efficiency at its heart, Lightyear 0 is the most aerodynamic family car available, with a record breaking drag coefficient (Cd) of less than 0.19.

The entire outer surface (body panels) is made from reclaimed carbon fibre based on recycling the residual carbon fiber materials, which would otherwise go to waste.

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Impressions

Eco-friendly, vegan interior

Sustainable design is stitched into every seam of Lightyear 0. The car's high-quality interior is crafted from plant-based leather, recycled PET bottle fabrics and sustainably restructured rattan palm, breathing new life into a conscious collection of all-natural materials.

Lightyear 0



www.lightyear.one

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