



# ES

THE ESSENCE OF LUXURY



**NBT** عین. بی. تی. (برونی) سنڊیرن برحد  
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# ELEGANCE THAT PROVOKES THE IMAGINATION

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Keeping up its tradition of innovation, the new generation Lexus ES is a sight to behold. Breaking with past design concepts, the new ES utilizes a fast roofline to highlight its aerodynamic lower stance, with a bolder spindle grille at the front end and a sleek and sharply chiseled rear end, creating an active yet fluid shape.





Inside its wider and longer cabin, a new color palette exudes a more modern look while still keeping its warm and inviting feel, while its well-known class-leading comfort and quietness is now enhanced with a more precise handling and responsiveness provided by its new chassis and suspension system.



# EXTERIOR



## 01 / Front Design

By fully utilizing the GA-K platform, which keeps the hood low, the spindle shape on the side comes to a point at the stagnation point of the spindle grille, emphasizing the sharpness of the nose. This produces an elegant yet graceful and sharp expression.

## 02 / Bi-LED Headlamps

ES headlamps with the signature L-shaped DRL feature a strongly bold construction, contributing to the simple yet sharp and strong lamp image.

*\*For Hybrid Variant only.*

## 03 / Spindle Grille Expression

The plated frame has been sharply turned up and the vertical fins of the grille feature a pattern that ripples consecutively outward, further emphasizing the sharpness of the nose and providing a sharp and modern appearance.

## 04 / 18-Inch Alloy Wheel\*

The wheel size is emphasized with the spokes that are bundled into five dynamic multi-spindle spokes and a metallic tone coating.

## 05 / Rear Design

From the side, the volume of the shoulder and bumper corner comes to a point at the rear combination lamp, expressing a sharp rear design.

## 06 / Rear Combination Lamps

It features a three-dimensional layered L-shaped graphic construction, expressing a condensed image with a sense of depth and emphasizing the signature.





# INTERIOR

## TAKUMI CRAFTSMANSHIP

Precise modeling through TAKUMI craftsmanship repeatedly confirms the depth and charm of the materials used.



### 01 / Evolution of Snug Roominess

The upper and lower parts of the interior space are structured differently so that the upper part gives the impression of spreading laterally, while the lower part provides reassuring comfort.





# INTERIOR

## SEAT IN CONTROL

The Human Machine Interface (HMI) environment has all HMI functions arranged around the driver seat so that all vehicle functions can be accessed and controlled from the driver seat with minimal changing of posture or line of sight, enabling the driver to concentrate on driving as well as pursuing safety.

02



### 02 / Ambient Illumination

It provides a roomy and modern atmosphere even at night, producing a variety of scenes when driving or getting into the vehicle.





# FEATURES



**01 / 7-Inch Thin Film Transistor LCD**

A metallic ring graphic located in a three-dimensional space with a sense of depth gives the design a realistic feel and an advanced impression.

**02 / Large Head Up Display**

It reduces the need for the driver to look at the meter, allowing the driver to constantly be looking ahead and concentrating on the road conditions.

**03 / Remote Touch Interface**

Touch pad surface enables easy tracing while minimizing the appearance of fingerprints.

**04 / 12.3-Inch Electro Multi Vision (EMV)**

Multimedia system adopted for enhanced usability and readability. It comes with navigation system and panoramic view\*, which displays a composite image comprising of images from the cameras, showing the vehicle as if viewed from above to support the driver when driving at slow speeds.

**05 / Wireless Charger**

A wireless charger is available inside the console box to enable a portable device to be charged by simply placing it in the charger, eliminating the need to connect a charging cable.

**06 / Hands-Free Power Trunk Lid**

Open and close the trunk by putting in and out one's foot in front of a kick sensor located underneath the rear bumper while carrying the smart key.

**07 / 10-Speaker Premium Sound System**

It faithfully reproduces the original sound while retaining the whole live ambience of the music.

**08 / Triple Zone Independent Temperature Controls\***

It enables individual automated control of the in-car temperature of the left and right front seats, as well as the rear seats

**09 / Sunshade**

A power rear sunshade and rear door division shade\* are available, realizing a high level of comfort for the rear seat occupants.

**10 / Rear Seat Control Panel\***

Various functions related to the rear seats can be operated with easy access, improving usability for the rear seat occupants.

\*For Hybrid Variant only.



# PERFORMANCE



The new ES transforms its image into a sedan equally capable of delivering class-leading handling and power. This starts with the newly developed Global Architecture-K chassis, which rivals the LC coupe and LS sedan in terms of torsional stiffness. Add on lightweight high-tensile steel, all-new wishbone suspension design, and rack-mounted electric power steering, and what you get is utmost level of precision driving.

01



## 01 / Engine

The A25A-FKS (Lexus First) is a newly developed 2.5L natural aspiration engine. To bring out maximum engine potential, the fundamental structure was designed from scratch. Also, reforming the structure and the configuration provides a high level of balance between driving performance and environmental performance.

02



## 02 / Direct Shift-8 Automatic Transmission

When combined with the A25A-FKS engine, fuel efficiency comparable to current hybrid models is realized along with a lively driving experience.

03



## 03 / Stabilizer

The stabilizer link location has been optimized, placing an importance on the return feeling of the steering when driving through S-shaped curves.

04



## 04 / Suspension

The new ES has been adopted with shock absorbers with ultra-low velocity valves, generating damping force for even the slightest movement of the sprung weight.

05



## 05 / Aerodynamics

A revamped silhouette form featuring the ideal aerodynamic shape has been adopted in pursuit of world top-level aerodynamic performance. Furthermore, a thorough attention to detail was placed on enhancing quietness.

06



## 06 / Drive Mode Select

It provides integrated control of multiple systems. It offers enhanced driving pleasure by allowing the driver to select drive modes suitable for the situation, or to match their preferred driving style.



# THE POWER OF | h



## The newly developed fourth-generation medium capacity hybrid system

Excellent power performance and high-level fuel economy has been realized by high response of the new engine, improved battery performance, and effective hybrid system control.

The new system has eliminated the 'rubber band' feeling associated with previous hybrid systems, where there is a time lag between the moment the engine speed increases when the accelerator pedal is deeply depressed and the moment the vehicle actually starts to accelerate. By this elimination, it provides exhilarating driving with high-speed responsiveness and a feeling of smooth, natural acceleration where the vehicle moves as the driver expects.



## Newly developed nickel-metal hybrid battery



While making charging performance improvements with a newly developed electrode material, the size reduction of the battery pack has been realized through optimization of the internal layout and adoption of a compact cooling system.



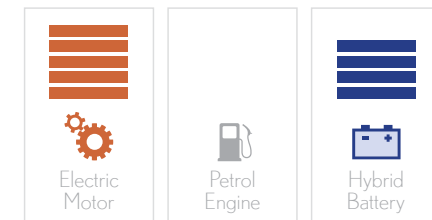


# LEXUS HYBRID TECHNOLOGY

Whatever the speed and situation, the hybrid engine adapts quickly to produce the optimum combination of performance and efficiency in your drive.

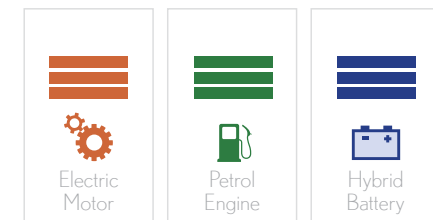
## START-UP

The high performance electric motor generator powers the car, supplied from the hybrid battery. No petrol is used and no emissions are produced.



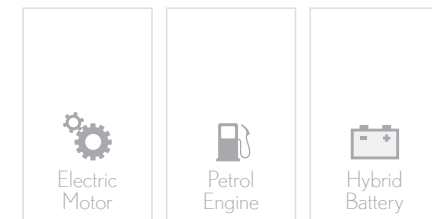
## CRUISING

Depending on cruising speed, the car switches between full electric mode and a combination of the petrol engine and electric motor generator.



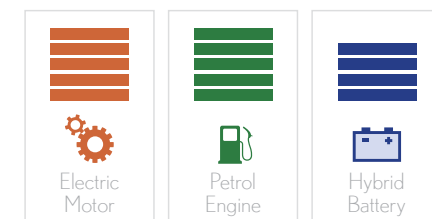
## STOPPED

At a full stop, the petrol engine automatically switches off to conserve fuel and energy, cutting idling emissions to zero.



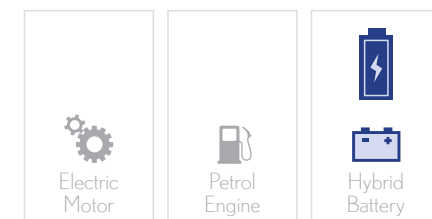
## ACCELERATION

During full acceleration, such as climbing a hill, both the petrol engine and the electric motor work together to provide smooth acceleration.



## DECELERATION

When braking, kinetic energy from the wheels is converted into electrical energy. This energy is then stored in the hybrid battery. That's why you never have to recharge a Lexus Hybrid.



# PRACTICAL BENEFITS

Lexus Hybrid Drive powertrain technology increases available power while decreasing fuel consumption and emissions.

These benefits are grouped into Four Hybrid Principles:

## CLEAN

Lexus Hybrid Drive considerably reduces emissions of the greenhouse gas CO<sub>2</sub> and other harmful emissions such as CO, HC and NO<sub>x</sub>.

## FUEL EFFICIENT

The intelligent Lexus Hybrid Drive system recovers and recycles energy that is lost in conventional systems, thereby boosting fuel efficiency.

## PERFORMANCE

The awesome acceleration and speed of Lexus Hybrid Drive are all the more impressive considering its environmental credentials.

## QUIETNESS

The quietness in EV drive mode with the engine totally stopped during startup and low-speed/low-load cruising is particularly remarkable.

LEXUS  
HYBRID  
DRIVE



# SAFETY



**01 / 10 SRS Airbags**  
Collision impact is greatly reduced with 10 sensor-controlled SRS airbags lining the cabin, providing enhanced protection for all occupants.



**02 / Cornering Lamp**  
Increases the amount of light in the direction of travel and near the vehicle when turning left or right or when cornering.

**03 / Impact Body**  
High-tensile strength materials have been adopted for each part of the upper body, realizing a high strength body frame while reducing the weight. This helps prevent deformation of the cabin, enhancing protection of the interior space.



**04 / Clearance Sonar**  
The system detects static objects, such as a wall at the front and the rear of the vehicle. The driver is alerted by a buzzer and a display indicator showing the position relative to the static object and the level of danger in the center display and head up display.



**05 / Blind Spot Monitor**  
Supports the driver in checking for safety when changing lanes.



**06 / Panoramic View Monitor\***  
It displays a composite image comprising of images from the cameras, showing the vehicle as if viewed from above to support the driver when driving at slow speeds.

\*For Hybrid Variant only.



# EXTERIOR COLOURS



SONIC QUARTZ (085)



MERCURY GRAY MICA (1H9)



PLATINUM SILVER METALLIC (1J4)



RED MICA CRYSTAL SHINE (3R1)



ICE ECRU MICA METALLIC (4X8)



SUNLIGHT GREEN MICA METALLIC (6X0)



SONIC TITANIUM (1J7)



BLACK (212)



GRAPHITE BLACK GLASS FLAKE (223)



DEEP BLUE MICA (8X5)

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## INTERIOR COLOURS



**CHATEAU**  
LUXURY & HYBRID PACKAGE



**BLACK**  
LUXURY & HYBRID PACKAGE

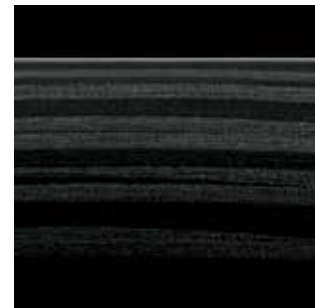


**TOPAZ**  
LUXURY & HYBRID PACKAGE

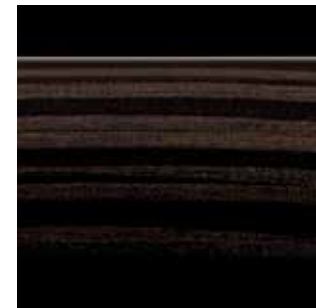


**RICH CREAM**  
HYBRID PACKAGE

## TRIM COLOURS



**SHIMAMOKU BLACK**  
LUXURY & HYBRID PACKAGE



**SHIMAMOKU BROWN**  
LUXURY & HYBRID PACKAGE



**BAMBOO**  
HYBRID PACKAGE

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## TYRES & RIMS



**17-INCH ALUMINIUM WHEEL - For ES 250**

Widening and flattening towards the rim, the spoke surfaces merge with the dark section to create overall thicker spokes, enhancing the aerodynamic performance.



**18-INCH ALUMINIUM WHEEL - For ES 300h**

The wheel size is emphasized with the spokes that are bundled into five dynamic multi-spindle spokes and a metallic tone coating.

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# SPECIFICATION CHART

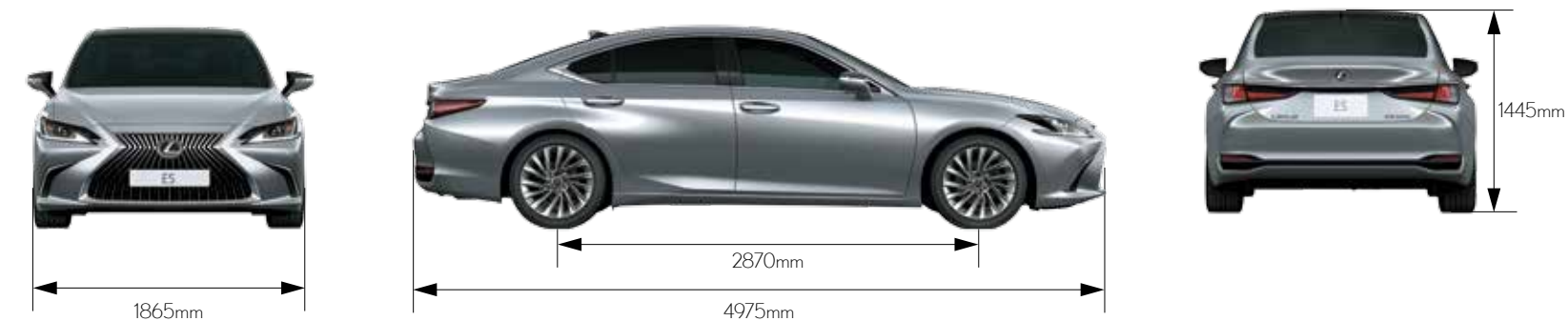
	ES 250	ES 300h
<b>MEASUREMENTS</b>		
Overall		
Length (mm)	4975	
Width (mm)	1865	
Height (mm)	1445	
Wheelbase (mm)	2870	
Tread		
Front (mm)	1600	1590
Rear (mm)	1610	1600
Overhang		
Front (mm)	1005	
Rear (mm)	1100	
Min. Running Ground Clearance (mm)	154	150
Curb Weight (kg)		
Front Min. - Max. (kg)	975 - 1015	985 - 1020
Rear Min. - Max. (kg)	625 - 645	695 - 720
Total Min. - Max. (kg)	1600 - 1660	1680 - 1740
Gross Vehicle Weight (kg)	2100	2150
Fuel Tank Capacity (L)	60	50

\*Specifications and equipment vary according to grade package selected. Please consult your sales consultant for details.

\*Addition of extra features may change figures in this chart.

\*Lexus reserves the right to alter any details of specifications and equipments without notice. Details of specifications and equipments are also subject to change to suit local conditions and requirements.

Please enquire with our sales consultants for details.



	ES 250	ES 300h
<b>ENGINE</b>		
Engine Type	A25A-FKS	A25A-FXS
No. of Cyls. & Arrangement	4-cylinders, Inline type	
Valve Mechanism	16-Valve, DOHC, VVT-iE (intake), VVT-i (exhaust)	
Bore x Stroke (mm)	87.5 x 103.4	
Displacement (cm <sup>3</sup> )	2487	
Compression Ratio	13.0:1	14.0:1
Fuel Injection System	EFI, D-4S	
Intake System	Natural Aspiration	
Fuel Type	Gasoline	
Max. Output (hp/rpm)	204/6600	176/5700
Max. Torque (Nm/rpm)	243/4000-5000	221/3600-5200
Fuel Consumption - Combined (L/100km)	6.6	4.6
CO <sub>2</sub> Emissions - Combined (g/km)	150	104

	ES 250	ES 300h
<b>CHASSIS</b>		
Transmission Type	Direct Shift-8AT	Electronic continuously variable transmission
Brake Type		
Front	Ventilated Disc	
Rear	Solid Disc	
Suspension Type		
Front	MacPherson Strut	
Rear	Trailing Wishbone	
Min. Turning Radius		
Curb to curb (m)	5.8	5.9
Wall to wall (m)	6.2	6.3
Power Steering Type	EPS	
Tires & Wheels	215/55R17	235/45R18

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	ES 250	ES 300h
<b>PERFORMANCE</b>		
Max. Speed (km/h)	210	180
Acceleration (0 to 100km/h) (sec)	9.1	8.9

<b>MOTOR GENERATOR</b>		
Motor Type	-	Permanent magnet motor
Max. Output (hp)	-	118
Max. Torque (Nm (kg-m))	-	202 (20.6)

<b>HYBRID BATTERY</b>		
Battery Type	-	Ni-MH
Nominal Voltage	-	244.8
Number of Battery Cells	-	204
System Voltage	-	244.8

<b>TOTAL SYSTEM OUTPUT</b>		
Total Max. Output (hp)	-	215

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		ES 250	ES 300h
<b>SAFETY &amp; HANDLING</b>			
SRS Air Bag System	Driver and Front Passenger Front Airbags	●	●
	Driver and Front Passenger Knee Airbags	●	●
	Driver and Front Passenger Side Airbags	●	●
	Rear Left and Right Side Airbags	●	●
Headlamp	Front and Rear Curtain Shield SRS Airbags	●	●
	LED Daytime Running Light	●	●
	2 Bi-LED	●	●
	Cornering Lamp	●	●
	Auto Leveling	●	●
Vehicle Dynamics Integrated Management (VDIM)		●	●
Anti-lock Braking System (ABS) with Brake Assist		●	●
Electronic Brake Force Distribution (EBD)		●	●
Traction Control System (TRC)		●	●
Vehicle Stability Control System (VSC)		●	●
Hill-start Assist Control		●	●
Pedestrian Protection Performance		●	●
Child Restraint System		●	●
Anti-theft System		●	●
Rear View Camera and Monitor Display		●	●
Blind Spot Monitor (BSM)		●	●
Parking Support Alert (PKSA)	Parking Assist	●	●
	Rear Cross Traffic Alert	●	●
Tire Pressure Warning System		●	●

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	ES 250	ES 300h
<b>ON-BOARD TECHNOLOGY</b>		
SMART Key Entry System	•	•
SMART Start Ignition	•	•
Head Up Display	•	•
12.3-inch Lexus Premium Navigation Screen	•	•
Remote Touch Interface	•	•
Drive Mode Select Switch (ECO / Normal / Sport)	•	•
Automatic Dual Zone Climate Control System	•	•
Outside Temperature Gauge	•	•
Wireless Charger	•	•
Analogue Clock	•	•
Lexus Navigation System	•	•

<b>COMFORT</b>			
Cruise Control		•	•
UV-Reduction Windshield, Front Door, Rear Door and Back Window Glass		•	•
Front Seats Lumbar Support		•	•
10-way Adjustable Front Seats		•	•
Front Seats with Ventilation		•	•
Power Tilt & Telescopic Steering Column		•	•
Sunshade	Rear Side	-	•
	Rear	•	•

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	ES 250	ES 300h
<b>AUDIO</b>		
Lexus Premium Audio System with 10-speaker	•	•
Steering Wheel with Integrated Audio Controls	•	•
Smartphone Linking	•	•
Miracast	•	•
USB Ports	•	•

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