

LEXUS

CT







THE NEW CT HYBRID

THE PERFECT CITY DRIVE

Inheriting the distinctive spindle grille, the new CT Hybrid strengthens the Progressive Luxury image through bold and invigorating design cues and enhances the driving experience through engineering improvements and an outstanding level of comfort and refinement.

Lexus reinforces its leadership in the Hybrid segment with the new CT Hybrid, boasting the latest in hybrid automotive technology. Powered by the world's most advanced powertrain, the Lexus Hybrid Drive offers impressive, seamless acceleration and a remarkably quiet driving experience, while delivering class-leading fuel efficiency and the lowest possible emissions. The benefits of hybrids are compounded in cities with stop-and-go conditions and low average speeds, making the new CT Hybrid the astute choice and the perfect city drive.

DESIGNED TO DOMINATE

A car's design is not entirely about its look but more so about reflecting its personality. With the Lexus' First optional black roof, one can now choose a car that truly represents the individual.

The Lexus CT Hybrid features a dynamic exterior in the form of the unique L-finesse design philosophy. Sporting a Lexus signature spindle grille, a slingshot rear window shape and innovative LED daytime running lights, it exudes an unmistakable presence.



CT Hybrid

SPORTING PRESENCE EITHER WAY

Featuring a silhouette that is nimble, agile and sleek, the compact Lexus CT Hybrid manoeuvres around corners with vigor, curves with agility, and responds to your slightest touch with dynamic assurance.

Its streamlined profile, long roofline, tapered sides and sculpted bumpers result in an excellent drag coefficient of 0.28, providing an unprecedented driving experience.





UNRIVALLED RESPONSIVENESS

With its precise engineering and agility, Lexus CT Hybrid is always a thrill to drive, regardless of whether you're cruising on smooth highroads, or the roughest gravel. It boasts a strong chassis, low centre-of-gravity and a lightweight, high-rigidity body - to deliver a responsive and precise control.

Adding on a double wishbone suspension and Electric Power Steering, the result is a car that puts performance on the forefront, complimenting your daily drive with style and vigor.

DYNAMIC ASSURANCE

Wielding a MacPherson strut suspension in the front and a fully independent double-wishbone suspension in the rear, the CT delivers surefooted handling for an effortless drive.

The performance dampers positioned in the front and rear of the CT Hybrid provides additional rigidity to the chassis while minimising vibrations, resulting in enhanced handling, a more linear steering feel and a comfortable, invigorating ride.





POWER AT ITS VERY BEST

With its combination of a finely tuned 1.8-litre Atkinson Cycle petrol engine and an electric motor, the CT Hybrid delivers best-in-class fuel consumption and carbon emissions.

Reinforced by an Electronically controlled Continuously Variable Transmission (ECVT) to efficiently utilise power and torque, it delivers an exciting driving experience.



FINE DETAILS MADE FINER

From the unique trims on the passenger-side dash panels to the leather-clad steering wheel, the interior of the Lexus CT Hybrid envelops your every sense with the most sophisticated details and unparalleled comfort.

Coupled with an intuitive Remote Touch Interface and top-of-range sound system, the CT Hybrid distinguishes itself from just a compact Hatchback to the car of your dreams.

QUIETER THAN EVER BEFORE

Over 90 enhancements were made to reduce noise, vibration and harshness. Among them was the inclusion of the world's first silencer plate in inlet duct which works to improve intake efficiency and quietness; for your driving pleasure.



360° PROTECTION

As with every Lexus, the CT Hybrid's highly advanced safety features are structured around an 'Integrated Safety Management Concept', which is designed to provide optimum safety performance in every imaginable driving scenario.

The CT Hybrid has been designed to achieve 5-Star Euro NCAP and NCAP (USA), and 6-Star J-NCAP (Japan) crash test program ratings – built to give you complete assurance on every journey.





LUXURY WITH A PURPOSE

Everyone loves the adventure of road trips and weekend escapades. The driver's seat of the CT Hybrid was specially designed and crafted to enhance driving comfort and reduce fatigue over long rides.

It features an optimised seating position, which combines a low hip point height with enhanced lateral and lumbar support to deliver a comfortable yet dynamic driving experience. It is also positioned such that the ergonomic cockpit is positioned all around you – creating a really focused and driver-centric drive.

TAKE CONTROL AT EASE

The Lexus CT Hybrid lets you explore the hippest venues in town without hassle. The center dash, boasting of optional 7-inch LCD multi-display screen* and operation zones, allows access to important information with minimal shifting of your line-of-sight.

Enhancing the car's ergonomics is the Remote Touch Interface (RTI) that mirrors that of an optical mouse, allowing you to toggle vehicle features without having to look away from the windscreen - all at the convenience of your finger tips.





LEXUS

P10561



mark
evinson
PREMIUM SURROUND



PWR-VOL



micro
USB



TUNE-SCROLL

ECO
PUSH NORMAL



SPORT



DOLBY
DIGITAL

ULTIMATE SENSORY EXPERIENCE

Immerse yourself in the rich and unparalleled sound quality of your favourite songs on the 13-speaker Mark Levinson Premium Surround Sound Audio System* while on-the-go. With such crisp, pristine audio; one could easily mistake his surroundings to be that of a live concert.

MAXIMUM SPACE MAXIMISE COMFORT

The CT Hybrid has a spacious luggage capacity of 375-litres, able to accommodate the various storage needs of your day-to-day lifestyle.

Fold down the rear seats for transportation of bulky items to create an increased storage volume of up to 985-litres. Easy access to the cargo area, along with the five-door design, also provides the ultimate in convenience, spaciousness and versatility.





ACTIVE SAFETY



✓ ELECTRONIC BRAKE-FORCE DISTRIBUTION/ BRAKE ASSIST SYSTEM

Electronic Brake-force Distribution works with ABS to ensure optimum brake-force is applied to each wheel, according to road conditions. The Brake Assist System comes into action during emergency braking and increase brake-force automatically if required.



✓ TRACTION CONTROL (TRC)

TRC increases the CT Hybrid's ability to grip the road, especially when starting off or accelerating on uneven or slippery surfaces. Corrective measures are applied the moment the risk of wheel-spin is detected, thereby maintaining traction.



✓ HILL-START ASSIST CONTROL

Hill-start Assist Control maintains brake pressure to help prevent the CT Hybrid from moving backwards when starting off on a slope. In addition to reducing driver fatigue, Hill-start Assist Control also minimises wheel-spin on slippery inclines.



✓ VEHICLE STABILITY CONTROL (VSC)

VSC helps prevent the loss of vehicle control, particularly when cornering quickly or at the onset of a skid. Stability is improved and vehicle speed reduced by the selective application of brakes and, or power reduction.

PASSIVE SAFETY

CLASS-LEADING 8 AIRBAGS

8 SRS airbags are placed around the front and sides of the cabin to minimise the risk of injury during collision, providing maximum protection for all occupants and an ensured peace of mind.



TWIN-CHAMBER PASSENGER AIRBAG

Crash tests show that the front seat passenger travels further than the driver before hitting the front airbag. An innovative twin-chamber airbag is fitted in order to safely 'catch' the passenger in a collision.



PEDESTRIAN PROTECTION

The CT Hybrid bonnet is optimised to ensure better energy absorption in a collision with a pedestrian. In addition, the windscreen wiper area is designed to help reduce pedestrian injuries in a collision.

WHIPLASH INJURY LESSENING SEATS

In the scenario of a rear impact, the front seat and headrest designs minimise whiplash-inducing neck motion. Sink into the passenger seat equipped with reinforced side frames while the head gets sufficient support from the forward placement of the headrest.



LEXUS HYBRID DRIVE

THE WORLD'S MOST ADVANCED POWERTRAIN

The Lexus Hybrid Drive shows the world that powerful acceleration and fuel savings can truly be made possible with a high-performing engine system.

Combining an electric motor and a petrol engine, the CT Hybrid accelerates seamlessly from 0-100km/h in just 10.3 seconds and reaches a maximum speed of 180km/h. Combine that with class-leading fuel efficiency of 24.4km/l, the CT Hybrid is your perfect companion for every drive.

THE BEST OF BOTH WORLDS

For astonishingly smooth performance and low CO₂ emissions, the CT Hybrid orchestrates a combination of super-efficient 1.8-litre engine, high-output electric motor, powerful compact battery, seamless hybrid transmission and power control unit.

ADVANCED COMPACT BATTERY

The Lexus Hybrid Drive features a high-output nickel metal hydride battery controlled by sophisticated energy-management software. Located under the luggage area, without comprising interior space, the battery is constantly recharged by the vehicle's operation and requires no external charging.

1.8-LITRE 4 CYLINDER ENGINE

Featuring Start/Stop capability, Exhaust Heat Recovery and Variable Valve Timing-intelligent technologies, this ultra-smooth 'Atkinson Cycle' petrol engine delivers exceptional fuel efficiency and significantly reduced emissions.



POWER CONTROL UNIT

Located in the engine compartment, the groundbreaking Power Control Unit is the brain of Lexus Hybrid Drive, controlling the allocation of power resources to ensure optimum efficiency at all times.



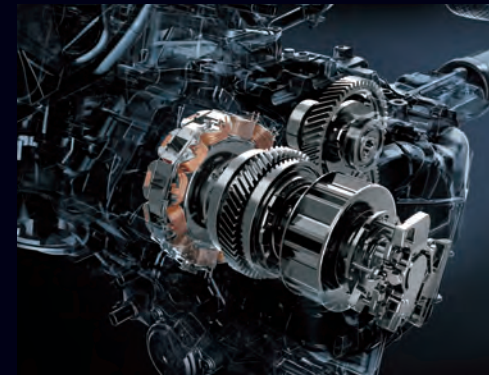
DRIVE MODE SELECTOR

The CT Hybrid is all about personalising your drive - Boasting four drive modes that allow one to toggle between achieving high-performance and optimising eco-friendly functionality. The EV mode provides whisper quiet, emission-free drive using electric power. While in ECO, the engine power output, throttle opening, and air conditioning are automatically controlled to maximise fuel efficiency. SPORT mode delivers unsurpassed performance for a more aggressive and powerful drive.



HIGH-OUTPUT ELECTRIC MOTOR

The electric motor works together with the engine to boost acceleration, and it is also the sole source of power in EV mode. Generating instantaneous and linear torque, the motor is far more powerful than mild hybrids.



HYBRID TRANSMISSION (E-CVT)

Lexus Hybrid Drive's electric motor, generator and power split mechanism are all housed in the Hybrid Transmission. Here, the two forces of Full Hybrid - electrical and mechanical power - are combined using continuously variable gear ratios to produce seamless performance.



EXHAUST HEAT RECOVERY

This compact unit helps warm up the 1.8-litre engine much quickly. Fitted to the exhaust system between the engine and catalytic converter, it allows the engine to switch off earlier and more often in cooler weather, leading to a reduction in fuel consumption and emissions.

EXTERIOR FEATURES





LEXUS SPINDLE GRILLE

Featuring a strong and expressive frontal design, the upper and lower grilles have been combined to create a prominent spindle shape at the front of the vehicle, giving the new CT Hybrid a youthful and sophisticated look.



LED HEADLIGHTS

Low-beam Light Emitting Diode (LED) headlights add to the vehicle's distinctive look while providing enhanced visibility and illumination.



ACTIVE BRAKE LIGHTS

The rear light clusters feature an array of LEDs to ensure the CT Hybrid is highly visible to trailing traffic. During the course of an emergency brake, the brake lights pulse rapidly to provide an effective warning to vehicles behind.



16/17"-INCH ALUMINUM WHEELS

This striking 10-spoke design adds a touch of understated elegance to the CT Hybrid. The wider wheel and tire provide extra grip for improved traction.



CLEARANCE AND SONARS

Ultrasonic waves detect obstacles behind and around the corners of the vehicle, ensuring safety for both passengers and pedestrians.



AUTO FOLDING DIMMING*

The door mirror housings can be folded in to aid the driver in negotiating narrow spaces. When parked, there is also less risk of damage. The mirrors also dim automatically to prevent the driver from being dazzled by trailing traffic.

**Luxury package only*



INTERIOR FEATURES



MARK LEVINSON PREMIUM SURROUND SYSTEM*

Featuring 13 bespoke speakers, the Mark Levinson Premium Surround System creates unparalleled sound quality that rivals even the finest concert halls, allowing you to indulge in the ultimate sensory experience in the comfort of your own cabin.



REAR SEAT COMFORT

The long wheelbase, wide stance and extended roof line ensures ample leg, elbow and head room for all rear passengers. The outer seats are contoured for comfort, while all seats have a 4-point seatbelt.



8-WAY POWER SEAT

8-way power driver seat offers precise adjustment in a variety of planes to achieve the optimum position of comfort to reduce driver fatigue for an engaging and refined driving experience.



REMOTE TOUCH*

Next generation Remote Touch, with single press confirmation, enables users to interact intuitively with the navigation and audio systems on the 7-inch display. Ergonomically designed, it is user-friendly and ensures proximity for comfort.

**Luxury package only*

ADVANCED SAFETY



EXTERIOR COLORS

Stunning shades are available in the Lexus colour palette. Thanks to additional textures introduced in the new coating process, the vehicles appear more radiant and boast strong defined highlights. The metallic effect makes subtle and defined bodylines appear more noticeable while the surface looks finely polished.



/ SONIC QUARTZ <085>



/ MERCURY GRAY MICA <1H9>



/ PLATINUM SILVER METALLIC <1J4>



/ BLACK <212>



BLACK OPAL MICA <214>



RED MICA CRYSTAL SHINE <3R1>



FIRE AGATE MICA METALLIC <4V3>



FLARE YELLOW MICA METALLIC <5B1>



EXCEED BLUE METALLIC <8U1>



MADDER RED <3T2>

EXTERIOR COLORS

A Lexus first, 7 dual-tone colour schemes now feature a sporting black roof which exudes a stylish and sporty appearance.



BLACK/SONIC QUARTZ <2MP>



BLACK/PLATINUM SILVER ME. <2LK>



BLACK/MERCURY GRAY MC. <2LL>



BLACK/RED MC.CS. <2LM>



BLACK/MADDER RED <2LN>



BLACK/FLARE YELLOW M.M. <2LP>



BLACK/EXCEED BLUE ME. <2LQ>

INTERIOR COLORS

SMOOTH LEATHER



/ IVORY <0>



/ TOPAZ BROWN <51>



/ BLACK <20>

TIRE AND RIMS



16-INCH 10-SPOKE
(ALUMINUM)
CT HYBRID EXECUTIVE



17-INCH 10-SPOKE
(ALUMINUM)
CT HYBRID LUXURY

SPECIFICATION CHART

CT HYBRID	
ENGINE	
Engine Type	4 Cylinders, In-line Type 16-Valve DOHC, Chain Drive with VVT-i
Bore x Stroke (mm)	80.5 x 88.3 mm
Displacement (cc)	1798 cc
Compression Ratio	13.0 : 1
Fuel System	Intake Port (Multi-point)
Max. Output	73 kW (98 hp) / 5200 rpm
Max. Torque	142 Nm / 4400 rpm
Total Brake Horsepower (bhp)	134 bhp
Fuel Consumption - Combined (L/100km)	4.1 L / 100km (24.4 km/L)
Carbon Emissions - Combined (g/km)	95g/km

CHASSIS	
Transmission Type	E - CVT
Brake Type (Front)	Ventilated Disk
Brake Type (Rear)	Solid Disk
Suspension Type (Front)	MacPherson Strut
Suspension Type (Rear)	Double Wishbone
Steering System	Rack & Pinion

PERFORMANCE	
Max. Speed (km/h)	180
Acceleration (0 - 100km/h)	10.3
Min. Turning Radius (Tyre) (m)	5.2

MEASUREMENTS		
Overall		
Length (mm)		4350
Width (mm)		1765
Height (mm)		1455
Wheelbase (mm)		2600
Tread		
Front (mm)		1525
Rear (mm)		1520
Overhang		
Front (mm)		940
Rear (mm)		810
Curb Weight (kg)		1410-1465
Gross Vehicle Weight (kg)		1845
Cargo Space (L)		375
Fuel Tank Capacity (L)		45

CT Hybrid Motor and Battery

MOTOR GENERATOR	
Motor Type	Permanent Magnet Synchronous Motor
Max. Torque (Nm)	207
Max Output (kW)	60
Max. System Voltage* (V)	650
Total Max. System Output* (kW)	100

HYBRID BATTERY	
Type	Nickel-Metal Hydride
Number of Battery Cells	168
Nominal Voltage (V)	201.6

*The maximum output indicates the engine output + HV battery output

Specifications, features, technical data, performance figures, equipment, options, colours and trims are based upon information available at time of printing and are subject to change without notice.

STANDARD EQUIPMENT

		CT HYBRID EXECUTIVE (S4)	CT HYBRID LUXURY (L4)
SAFETY & HANDLING			
Air Bag System	Driver and Front Passenger Front Airbags	•	•
	Driver and Front Passenger Knee Airbags	•	•
	Driver and Front Passenger Side Airbags	•	•
	Front and Rear Seat Curtain Shield Airbags	•	•
Headlamp	Light Emitting Diode (LED)	•	•
	Daytime Running Lamps (LED)	•	•
	Auto-Leveling	•	•
	Cleaner	•	•
	Hill Start Assist Control	•	•
	Electronic Brake-Force Distribution (EBD)	•	•
	Electric Power Steering (EPS)	•	•
	Vehicle Stability Control (VSC)	•	•
	Anti-lock Brake System (ABS)	•	•
	Traction Control (TRC)	•	•
	Lexus Parking Assist System with Rear View Camera	NA	•
	Clearance and Back Sensors (Front: 2 Rear: 4)	•	•
	Child Restraint System	•	•
	Door Mirror with Side Turn Signal Lamp	•	•
	Power Folding Mirrors	•	•
	Three-point Seatbelts with Height Adjustable Anchors, Pretensioners & Force Limiters	•	•

EQUIPMENT			
	SMART Key Entry System	NA	•
	SMART Start Ignition	•	•
	Cruise Control	NA	•
	Anti-theft System	•	•
	Auto Rain Sensor Wipers	NA	•
	Illuminated Entry System	•	•
	LED Front and Rear Fog Lamps	•	•
	Drive Mode Select Switch (Eco/Normal/Sport) + EV Mode	•	•
	Multi-Information Display	•	•
	Lexus Navigation System with 7" Display Screen	NA	•
	Lexus Remote Touch Interface	NA	•
	Bluetooth Telephone Connectivity	•	•
	Performance Dampers	•	•

		CT HYBRID EXECUTIVE (S4)	CT HYBRID LUXURY (L4)
COMFORT			
	Original Factory-fitted Smooth Leather Seats	•	•
	Driver and Passenger Seat Heater	•	•
	Auto Retractable Wing Mirrors with Memory	NA	•
	Power Seat Adjuster Driver (6-way) and Front Passenger (4-way)	•	•
	Memory Seats	D	D
	Seat Lumbar Support	NA	•
	Foldable Rear Seats	•	•
	Split Rear Seats (60:40)	•	•
	Steering Wheel (Leather with Audio Switches)	•	•
	Electrochromic (EC) Inside Rear View Mirror	•	•
	Electrochromic (EC) Outside Rear View Mirror	NA	•
	Foot Brake	•	•
	Deodorising Filter	•	•
	Luggage Space (60:40 Deck Undertray)	•	•
AUDIO			
	Lexus Premium Audio System with 6 Speakers	•	NA
	Mark Levinson Audio System with 13 Speakers	NA	•
	AM/FM Tuner, CD	•	NA
	AM/FM Tuner, DVD	NA	•
	USB Terminal	•	•
	iPod/ Cellphone Holder	•	•
WHEELS & TYRE			
	205 / 55R16 Aluminum Wheels	•	NA
	215 / 45R17 Aluminum Wheels	NA	•

Note : Vehicles illustrated, specifications and equipment detailed in this catalogue may vary from models. Lexus reserves the right to alter any details of specifications and equipment without notice. Please Lexus sales consultant for details.

